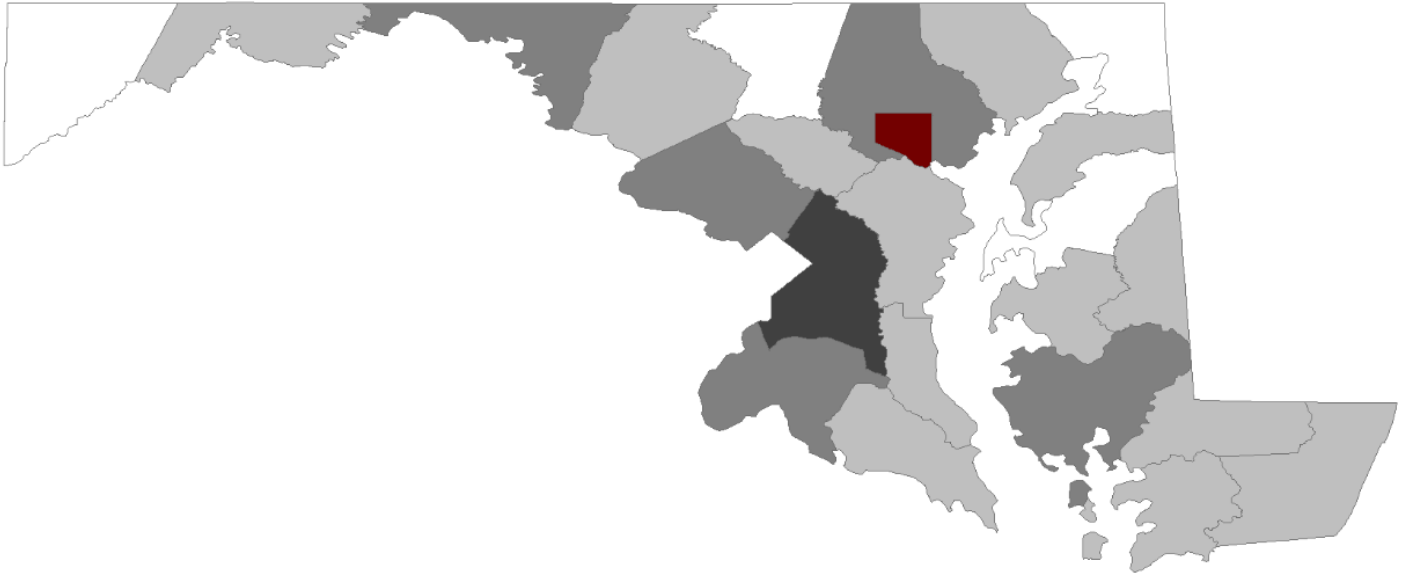


2015



Baltimore City HIV Annual Epidemiological Profile

Data reported through June 30, 2016

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmh.maryland.gov/OIDEOR/CHSE>
1-800-358-9001

Acknowledgements

This report is published by The Center for HIV Surveillance, Epidemiology and Evaluation annually with valuable contribution from the following people listed. In addition, this report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, community groups, researchers and members of the community and contribution from people with HIV.

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Suggested Citation: Baltimore City Annual HIV Epidemiological Profile 2015. Center for HIV Surveillance, Epidemiology and Evaluation, Department of Health and Mental Hygiene, Baltimore, MD. 2016.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/OIDEOR/CHSE/Pages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5227.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of 6/30/2016. Nationally, it has been estimated that 13.0% of people living with HIV infection are undiagnosed. In Maryland, it has been estimated that 16.3% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. Many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

In addition to providing estimates of prevalent cases by residence at HIV diagnosis, this epidemiological profile includes estimates for HIV cases whose current residence as of 6/30/2016 was in Maryland. Current residence data are restricted to cases for which there is a case report form or laboratory test reported between 1/1/2009 and 6/30/2016. Restricting address data to recent years presents the most accurate data available and helps to account for cases that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes cases

that may be residents of Maryland but have fallen out of care during the most recent seven years. Current residence utilizes addresses as recent as 2016 but uses laboratory data from 2015 to allow for laboratory reporting.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old diagnosed cases as well as undiagnosed infections. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (six months after December 31st of the specified year) are used to generate the number of diagnoses during the prior years. This lag time allows for delays in reporting and time to complete investigations. Instead of the previous one-year lag, this epidemiological profile utilizes a six-month lag, and as a result, data on exposure category and deaths for the prior year are preliminary. For example, the Reported HIV Diagnoses for 2015 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 01/01/2015-12/31/2015, as reported by name through 6/30/2016.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 6/30/2016 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2015 as reported by name through 6/30/2016.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured regularly, at least once per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), June 30, 2016.

Population data by sex, age, and race/ethnicity are from the July 1, 2015 U.S. Census Estimates and by country-of-birth from the 2014 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Estimations of those undiagnosed are from Centers for Disease Control and Prevention's 2016 HIV Surveillance Supplemental Report published July 2016. The continuum of care is adapted from a 2011 article in Clinical Infectious Diseases in which a continuum of care "cascade" is used illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

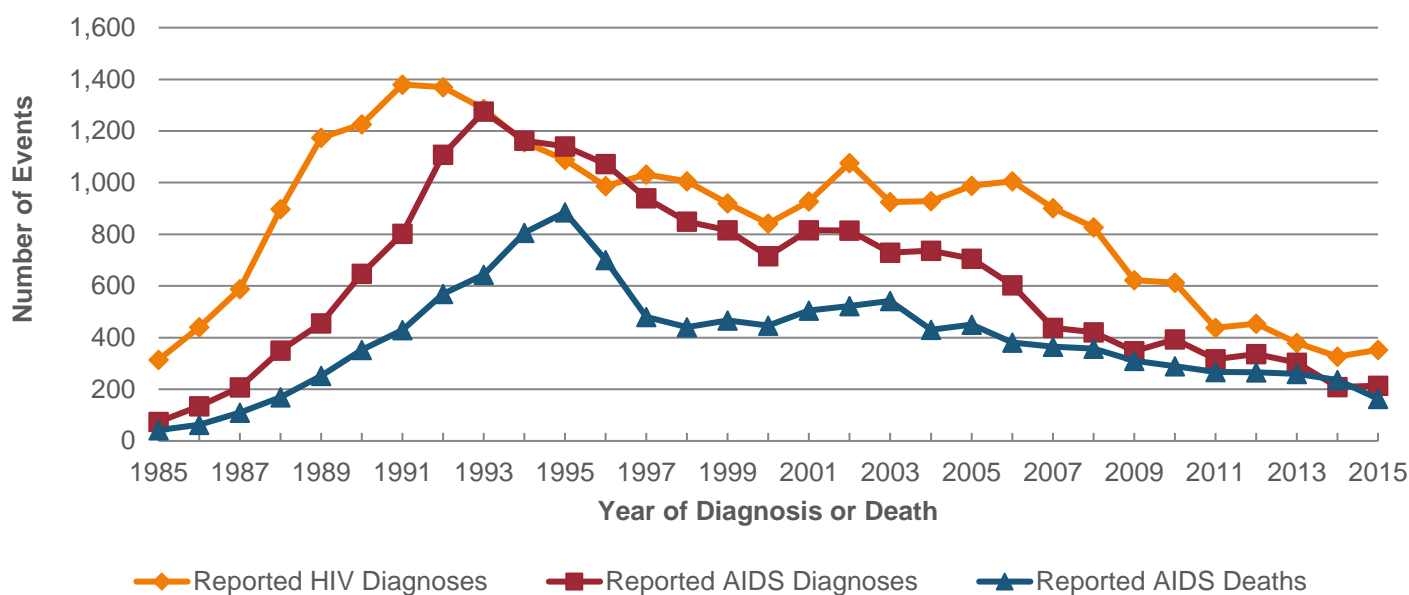
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2015

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2015, Reported through 6/30/2016

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2015 as Reported through 6/30/2016



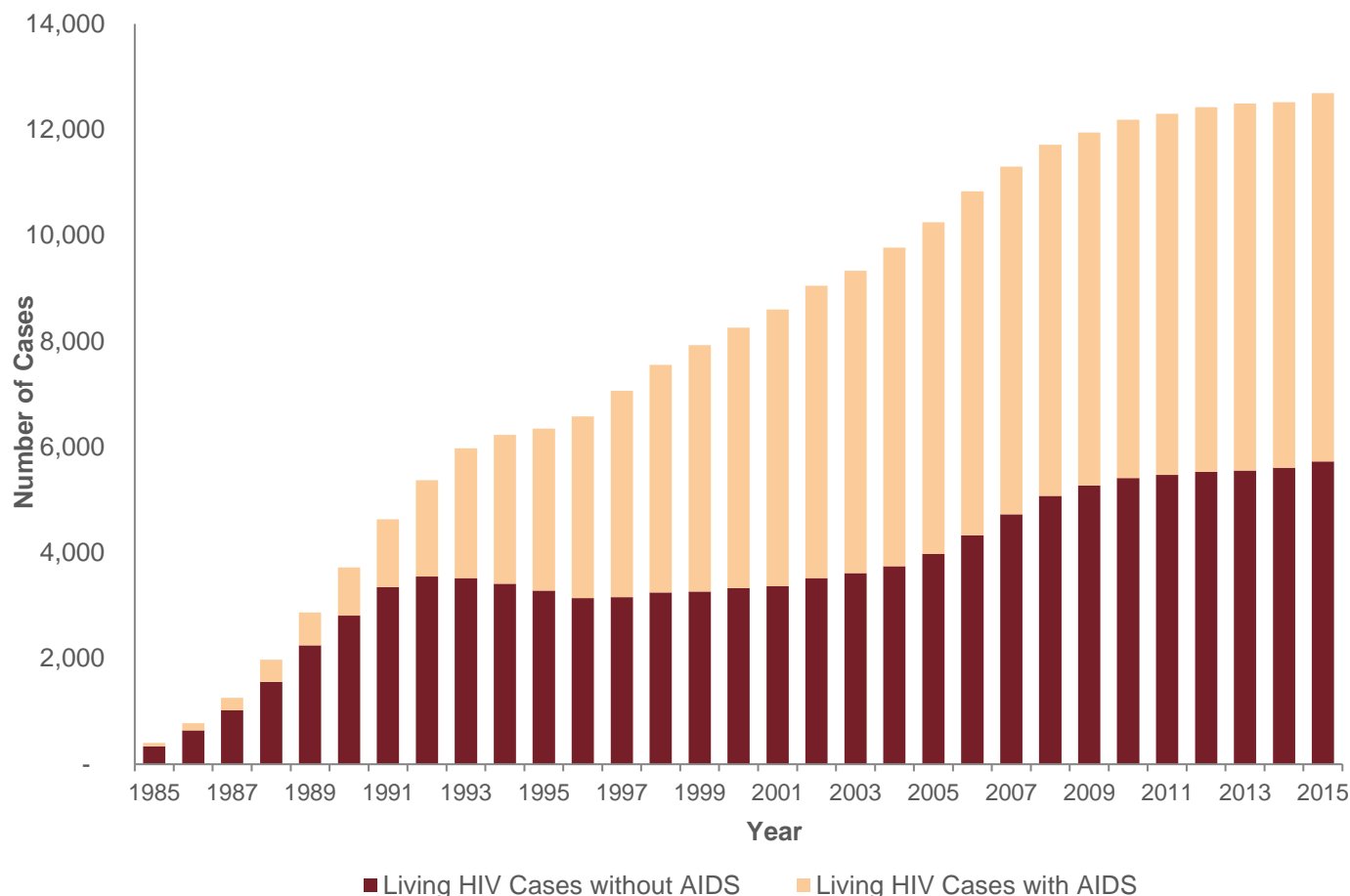
During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008.

YEAR OF DIAGNOSIS OR DEATH	REPORTED HIV DIAGNOSES	REPORTED AIDS DIAGNOSES	REPORTED AIDS DEATHS	YEAR OF DIAGNOSIS OR DEATH	REPORTED HIV DIAGNOSES	REPORTED AIDS DIAGNOSES	REPORTED AIDS DEATHS
<1985	156	58	25	2000	842	715	447
1985	314	74	42	2001	927	816	505
1986	441	134	63	2002	1,076	815	522
1987	588	208	110	2003	925	729	542
1988	898	350	169	2004	929	737	430
1989	1,174	455	252	2005	988	706	451
1990	1,226	647	353	2006	1,005	603	381
1991	1,380	802	429	2007	901	438	365
1992	1,370	1,108	569	2008	827	421	358
1993	1,286	1,275	644	2009	622	347	311
1994	1,157	1,163	806	2010	613	394	289
1995	1,089	1,140	885	2011	438	317	267
1996	987	1,072	701	2012	454	336	266
1997	1,032	940	480	2013	380	303	260
1998	1,006	849	441	2014	326	209	236
1999	920	816	466	2015	353	214	163
				TOTAL	26,630	19,191	12,228

*2014-2015 reported AIDS deaths are preliminary.

Figure 2 – Trends in Living HIV Cases, 1985-2015, Reported through 6/30/2016

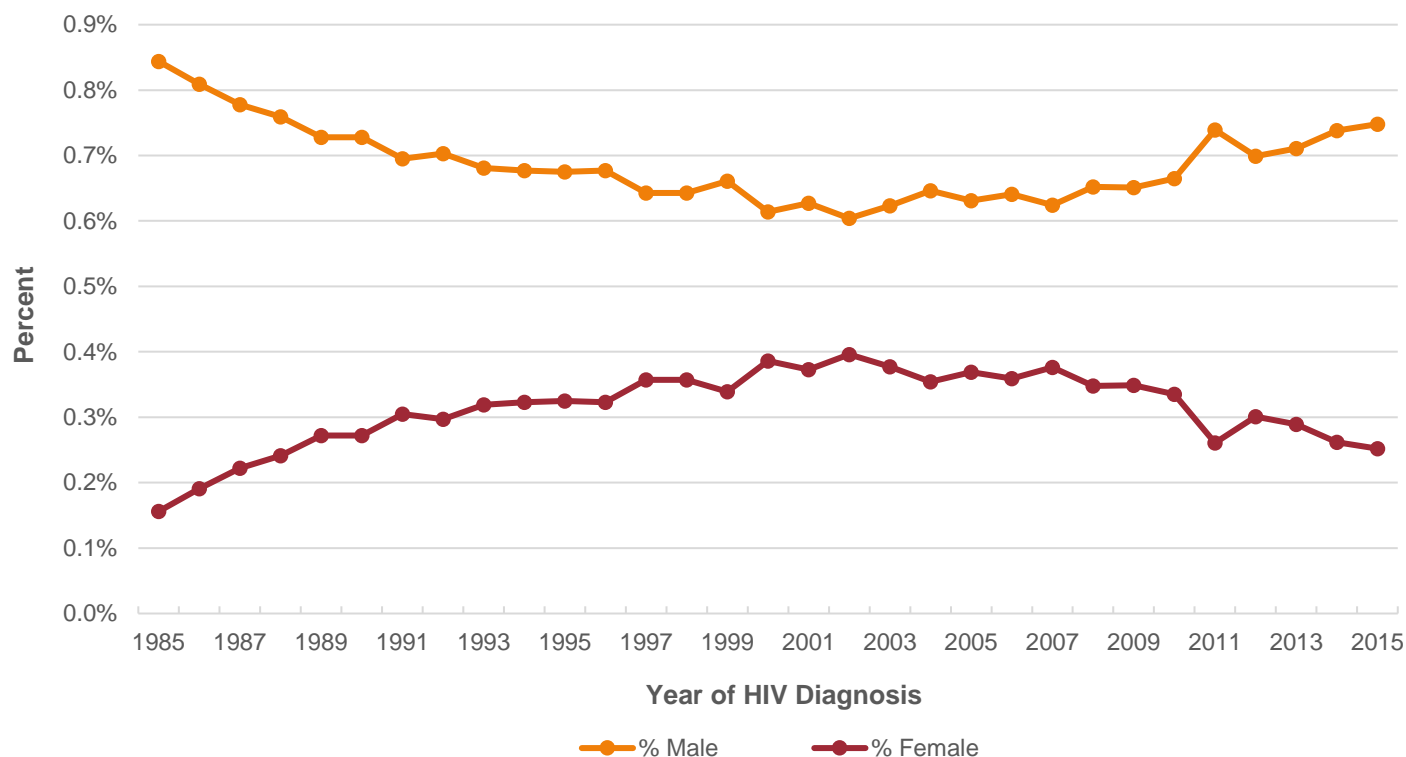
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2015, as Reported through 6/30/2016



YEAR	LIVING HIV CASES WITHOUT AIDS	LIVING HIV CASES WITH AIDS	TOTAL LIVING HIV CASES	YEAR	LIVING HIV CASES WITHOUT AIDS	LIVING HIV CASES WITH AIDS	TOTAL LIVING HIV CASES
1985	342	65	407	2000	3,330	4,925	8,255
1986	642	136	778	2001	3,364	5,236	8,600
1987	1,021	234	1,255	2002	3,520	5,529	9,049
1988	1,560	415	1,975	2003	3,616	5,716	9,332
1989	2,252	618	2,870	2004	3,745	6,023	9,768
1990	2,812	912	3,724	2005	3,974	6,278	10,252
1991	3,348	1,285	4,633	2006	4,333	6,501	10,834
1992	3,550	1,824	5,374	2007	4,728	6,574	11,302
1993	3,519	2,455	5,974	2008	5,078	6,637	11,715
1994	3,416	2,813	6,229	2009	5,271	6,673	11,944
1995	3,281	3,068	6,349	2010	5,410	6,778	12,188
1996	3,141	3,439	6,580	2011	5,471	6,828	12,299
1997	3,161	3,899	7,060	2012	5,529	6,898	12,427
1998	3,248	4,307	7,555	2013	5,555	6,941	12,496
1999	3,268	4,657	7,925	2014	5,608	6,914	12,522
				2015	5,725	6,965	12,690

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2015, Reported through 6/30/2016

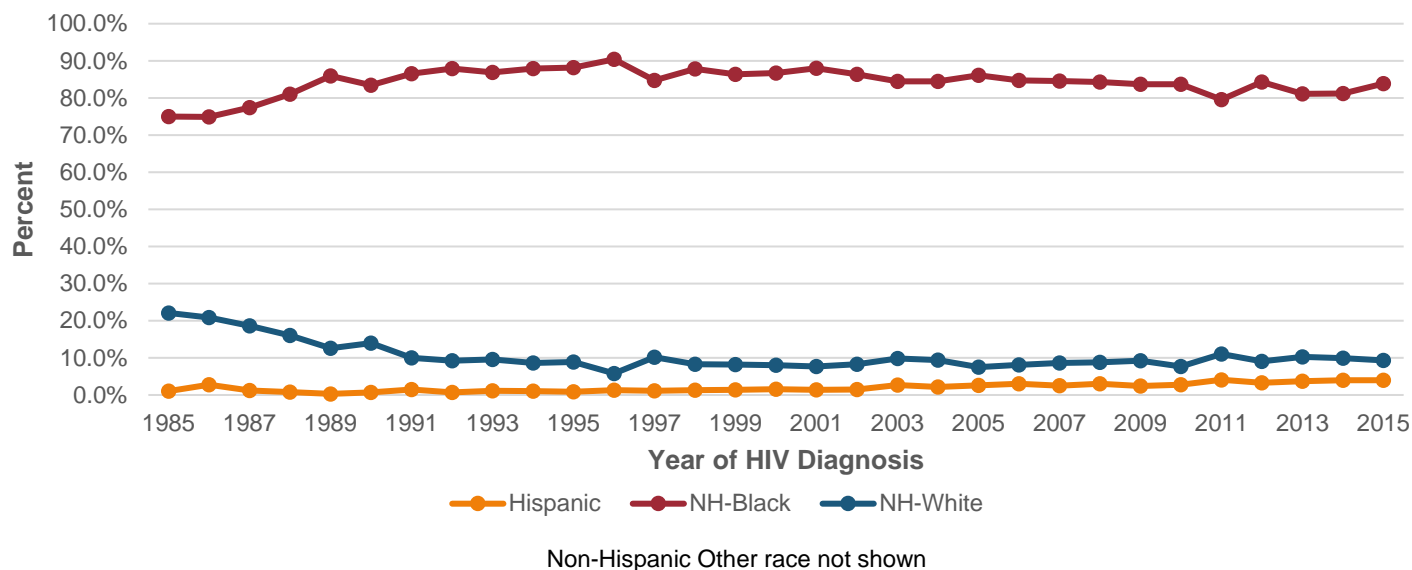
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2015, as Reported through 6/30/2016



YEAR OF HIV DIAGNOSIS	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES			YEAR OF HIV DIAGNOSIS	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES		
	No.	% Male	% Female		No.	% Male	% Female
<1985	155	85.2%	14.8%	2000	837	61.4%	38.6%
1985	308	84.4%	15.6%	2001	920	62.7%	37.3%
1986	435	80.9%	19.1%	2002	1,073	60.4%	39.6%
1987	576	77.8%	22.2%	2003	923	62.3%	37.7%
1988	882	75.9%	24.1%	2004	927	64.6%	35.4%
1989	1,153	72.8%	27.2%	2005	988	63.1%	36.9%
1990	1,199	72.8%	27.2%	2006	1,004	64.1%	35.9%
1991	1,353	69.5%	30.5%	2007	885	62.4%	37.6%
1992	1,337	70.3%	29.7%	2008	821	65.2%	34.8%
1993	1,251	68.1%	31.9%	2009	619	65.1%	34.9%
1994	1,136	67.7%	32.3%	2010	612	66.5%	33.5%
1995	1,075	67.5%	32.5%	2011	437	73.9%	26.1%
1996	973	67.7%	32.3%	2012	452	69.9%	30.1%
1997	1,025	64.3%	35.7%	2013	380	71.1%	28.9%
1998	990	64.3%	35.7%	2014	324	73.8%	26.2%
1999	906	66.1%	33.9%	2015	353	74.8%	25.2%
				TOTAL	26,309	67.8%	32.2%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2015, Reported through 6/30/2016

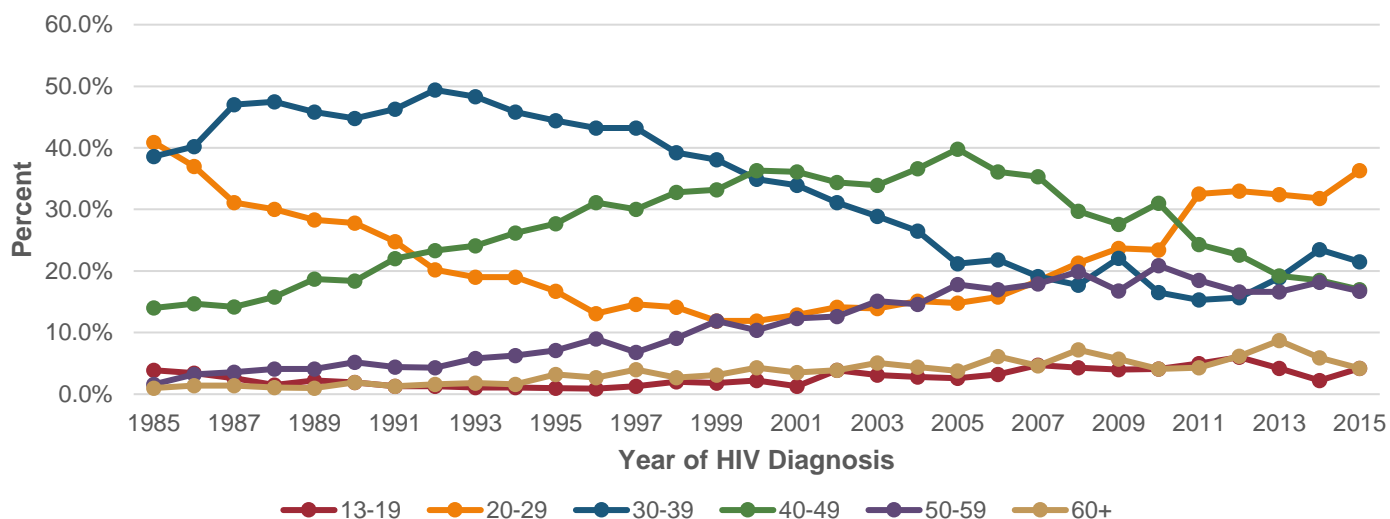
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2015, as Reported through 6/30/2016



YEAR OF HIV DIAGNOSIS	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	155	2.6%	59.4%	36.8%	1.3%
1985	308	1.0%	75.0%	22.1%	1.9%
1986	435	2.8%	74.9%	20.9%	1.4%
1987	576	1.2%	77.4%	18.6%	2.8%
1988	882	0.8%	81.0%	16.0%	2.3%
1989	1,153	0.3%	85.9%	12.6%	1.3%
1990	1,199	0.7%	83.4%	14.0%	1.9%
1991	1,353	1.5%	86.5%	10.0%	2.1%
1992	1,337	0.7%	87.9%	9.2%	2.2%
1993	1,251	1.1%	86.9%	9.6%	2.4%
1994	1,136	1.0%	87.9%	8.6%	2.5%
1995	1,075	0.9%	88.2%	8.9%	2.0%
1996	973	1.3%	90.4%	5.8%	2.5%
1997	1,025	1.1%	84.7%	10.2%	4.0%
1998	990	1.3%	87.8%	8.3%	2.6%
1999	906	1.4%	86.4%	8.2%	4.0%
2000	837	1.6%	86.7%	8.0%	3.7%
2001	920	1.4%	88.0%	7.7%	2.8%
2002	1,073	1.5%	86.4%	8.3%	3.8%
2003	923	2.7%	84.5%	9.8%	3.0%
2004	927	2.2%	84.5%	9.4%	4.0%
2005	988	2.6%	86.1%	7.5%	3.7%
2006	1,004	3.0%	84.7%	8.1%	4.3%
2007	885	2.5%	84.6%	8.6%	4.3%
2008	821	3.0%	84.3%	8.8%	3.9%
2009	619	2.4%	83.7%	9.2%	4.7%
2010	612	2.8%	83.7%	7.7%	5.9%
2011	437	4.1%	79.6%	11.0%	5.3%
2012	452	3.3%	84.3%	9.1%	3.3%
2013	380	3.7%	81.1%	10.3%	5.0%
2014	324	4.0%	81.2%	9.9%	4.9%
2015	353	4.0%	83.9%	9.3%	2.8%
TOTAL	26,309	1.7%	85.0%	10.1%	3.1%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2015, Reported through 6/30/2016

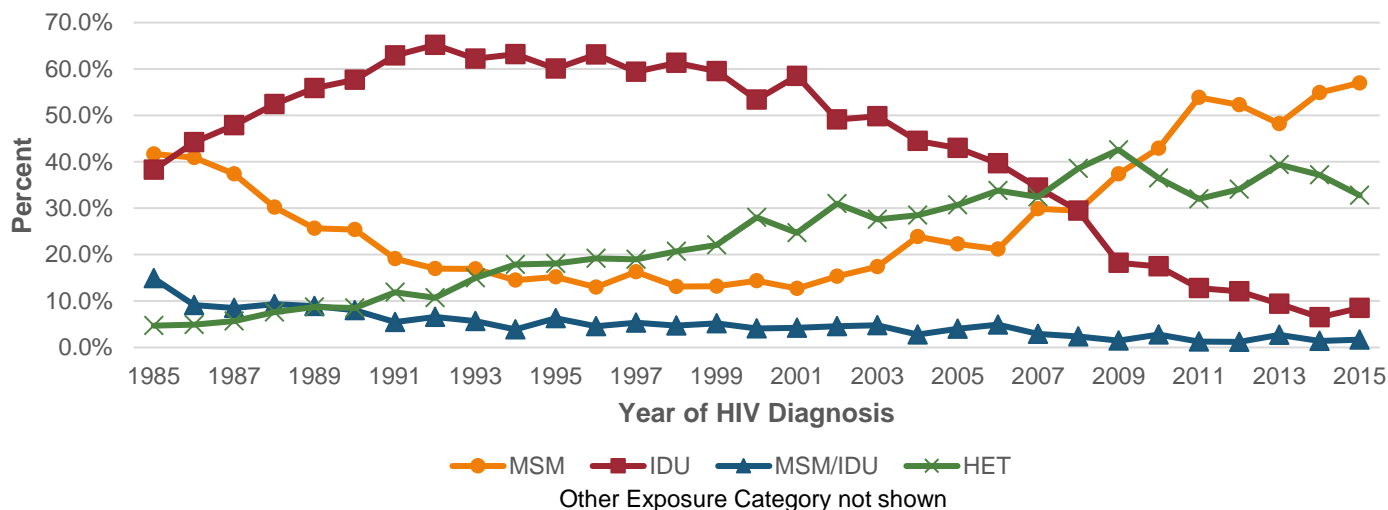
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2015, as Reported through 6/30/2016



YEAR OF HIV DIAGNOSIS	REPORTED ADULT/ADOLESCENT HIV DIAGNOSES						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	155	3.9%	44.5%	32.3%	12.9%	5.8%	0.6%
1985	308	3.9%	40.9%	38.6%	14.0%	1.6%	1.0%
1986	435	3.4%	37.0%	40.2%	14.7%	3.2%	1.4%
1987	576	2.6%	31.1%	47.0%	14.2%	3.6%	1.4%
1988	882	1.5%	30.0%	47.5%	15.8%	4.1%	1.1%
1989	1,153	2.2%	28.3%	45.8%	18.7%	4.1%	1.0%
1990	1,199	1.9%	27.8%	44.8%	18.4%	5.2%	1.9%
1991	1,353	1.3%	24.8%	46.3%	22.0%	4.4%	1.3%
1992	1,337	1.3%	20.2%	49.4%	23.3%	4.3%	1.6%
1993	1,251	1.1%	19.0%	48.3%	24.1%	5.8%	1.8%
1994	1,136	1.1%	19.0%	45.8%	26.2%	6.3%	1.6%
1995	1,075	1.0%	16.7%	44.4%	27.7%	7.1%	3.2%
1996	973	0.9%	13.1%	43.2%	31.1%	9.0%	2.7%
1997	1,025	1.3%	14.6%	43.2%	30.0%	6.8%	4.0%
1998	990	2.0%	14.1%	39.2%	32.8%	9.1%	2.7%
1999	906	1.8%	11.9%	38.1%	33.2%	11.9%	3.1%
2000	837	2.2%	11.9%	34.9%	36.3%	10.4%	4.3%
2001	920	1.3%	12.9%	33.9%	36.1%	12.3%	3.5%
2002	1,073	3.9%	14.1%	31.1%	34.4%	12.6%	3.9%
2003	923	3.1%	13.9%	28.9%	33.9%	15.1%	5.1%
2004	927	2.8%	15.1%	26.5%	36.6%	14.6%	4.4%
2005	988	2.6%	14.8%	21.2%	39.8%	17.8%	3.8%
2006	1,004	3.2%	15.8%	21.8%	36.1%	17.0%	6.1%
2007	885	4.7%	18.4%	19.1%	35.3%	17.9%	4.6%
2008	821	4.3%	21.3%	17.7%	29.7%	19.9%	7.2%
2009	619	4.0%	23.7%	22.1%	27.6%	16.8%	5.7%
2010	612	4.1%	23.4%	16.5%	31.0%	20.9%	4.1%
2011	437	5.0%	32.5%	15.3%	24.3%	18.5%	4.3%
2012	452	6.0%	33.0%	15.7%	22.6%	16.6%	6.2%
2013	380	4.2%	32.4%	18.9%	19.2%	16.6%	8.7%
2014	324	2.2%	31.8%	23.5%	18.5%	18.2%	5.9%
2015	353	4.2%	36.3%	21.5%	17.0%	16.7%	4.2%
TOTAL	26,309	2.4%	20.7%	35.6%	27.6%	10.4%	3.3%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2015, Reported through 6/30/2016

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2015, as Reported through 6/30/2016



YEAR OF HIV DIAGNOSIS	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	155	150	58.7%	30.7%	6.7%	2.7%	1.3%
1985	308	295	41.7%	38.3%	14.9%	4.7%	0.3%
1986	435	428	40.9%	44.2%	9.1%	4.9%	0.9%
1987	576	562	37.4%	47.9%	8.5%	5.7%	0.5%
1988	882	859	30.2%	52.4%	9.3%	7.6%	0.6%
1989	1,153	1,127	25.7%	55.9%	8.9%	8.7%	0.8%
1990	1,199	1,157	25.4%	57.7%	8.0%	8.5%	0.4%
1991	1,353	1,298	19.1%	62.9%	5.5%	11.9%	0.5%
1992	1,337	1,280	17.0%	65.2%	6.6%	10.7%	0.5%
1993	1,251	1,225	16.9%	62.2%	5.7%	15.0%	0.2%
1994	1,136	1,093	14.5%	63.2%	3.9%	17.9%	0.4%
1995	1,075	1,038	15.2%	60.1%	6.3%	18.1%	0.3%
1996	973	934	13.0%	63.1%	4.6%	19.2%	0.2%
1997	1,025	959	16.3%	59.4%	5.3%	19.0%	0.0%
1998	990	933	13.1%	61.3%	4.7%	20.7%	0.2%
1999	906	842	13.2%	59.5%	5.2%	22.1%	0.0%
2000	837	772	14.4%	53.4%	4.1%	28.0%	0.1%
2001	920	843	12.7%	58.5%	4.2%	24.7%	0.0%
2002	1,073	953	15.3%	49.1%	4.6%	31.0%	0.0%
2003	923	829	17.4%	49.8%	4.8%	27.6%	0.4%
2004	927	825	23.9%	44.5%	2.8%	28.5%	0.4%
2005	988	834	22.3%	43.0%	4.0%	30.7%	0.0%
2006	1,004	788	21.2%	39.7%	4.9%	33.8%	0.4%
2007	885	688	29.9%	34.4%	2.9%	32.4%	0.3%
2008	821	614	29.5%	29.5%	2.4%	38.6%	0.0%
2009	619	406	37.4%	18.2%	1.5%	42.6%	0.2%
2010	612	389	42.9%	17.5%	2.8%	36.5%	0.3%
2011	437	297	53.9%	12.8%	1.3%	32.0%	0.0%
2012	452	346	52.3%	12.1%	1.2%	34.1%	0.3%
2013	380	330	48.2%	9.4%	2.7%	39.4%	0.3%
2014	324	277	54.9%	6.5%	1.4%	37.2%	0.0%
2015	353	235	57.0%	8.5%	1.7%	32.8%	0.0%
TOTAL	26,309	23,606	23.2%	50.2%	5.3%	20.9%	0.3%

*2015 reported HIV exposure data are preliminary.

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2015, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 6/30/2016

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	POPULATION AGE 13+	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
21201	15,212	16	4.5%	105.2	16	100.0%	2	12.5%	14	87.5%	432
21202	20,778	17	4.8%	81.8	11	64.7%	1	5.9%	11	64.7%	557
21205	12,576	12	3.4%	95.4	11	91.7%	4	33.3%	10	83.3%	275
21206	33,276	26	7.4%	78.1	24	92.3%	7	26.9%	23	88.5%	344
21207	11,900	7	2.0%	58.8	***	***	***	***	***	***	***
21208	1,595	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21209	10,125	2	0.6%	19.8	***	***	***	***	***	***	***
21210	12,037	1	0.3%	8.3	***	***	***	***	***	***	***
21211	15,580	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21212	17,757	6	1.7%	33.8	5	83.3%	***	***	5	83.3%	237
21213	26,660	24	6.8%	90.0	20	83.3%	7	29.2%	19	79.2%	426
21214	17,286	8	2.3%	46.3	7	87.5%	***	***	7	87.5%	222
21215	48,607	27	7.6%	55.5	22	81.5%	7	25.9%	20	74.1%	321
21216	26,630	21	5.9%	78.9	14	66.7%	***	***	15	71.4%	466
21217	30,540	43	12.2%	140.8	34	79.1%	11	25.6%	28	65.1%	413
21218	43,632	34	9.6%	77.9	30	88.2%	10	29.4%	28	82.4%	331
21222	1,585	1	0.3%	63.1	***	***	***	***	***	***	***
21223	21,352	16	4.5%	74.9	13	81.3%	1	6.3%	13	81.3%	481
21224	34,774	20	5.7%	57.5	18	90.0%	7	35.0%	18	90.0%	328
21225	14,332	13	3.7%	90.7	10	76.9%	***	***	9	69.2%	423
21226	2,606	3	0.8%	115.1	***	***	***	***	***	***	***
21227	791	***	***	***	***	***	***	***	***	***	***
21228	226	***	***	***	***	***	***	***	***	***	***
21229	31,930	16	4.5%	50.1	13	81.3%	5	31.3%	15	93.8%	355
21230	29,087	8	2.3%	27.5	7	87.5%	0	0.0%	7	87.5%	830
21231	13,788	10	2.8%	72.5	9	90.0%	***	***	9	90.0%	405
21234	7,197	2	0.6%	27.8	***	***	***	***	***	***	***
21236	175	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	20,194	18	5.1%	89.1	15	83.3%	5	27.8%	16	88.9%	373
21251	934	***	***	***	***	***	***	***	***	***	***
Unknown	--	1	0.3%	--	1	100.0%	0	0.0%	1	100.0%	315
TOTAL	523,202	353	100.0%	67.5	295	83.6%	79	22.4%	279	79.0%	384

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2015, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 6/30/2016

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	POPULATION AGE 13+	ADULT/ADOLESCENT REPORTED AIDS DIAGNOSES				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21201	15,212	12	5.6%	78.9	7	33.3%
21202	20,778	11	5.2%	52.9	6.6	18.2%
21205	12,576	6	2.8%	47.7	0.4	83.3%
21206	33,276	9	4.2%	27.0	1.2	77.8%
21207	11,900	4	1.9%	33.6	***	***
21208	1,595	0	0.0%	0.0	--	0.0%
21209	10,125	1	0.5%	9.9	***	***
21210	12,037	2	0.9%	16.6	***	***
21211	15,580	2	0.9%	12.8	***	***
21212	17,757	2	0.9%	11.3	***	***
21213	26,660	17	8.0%	63.8	4.2	41.2%
21214	17,286	2	0.9%	11.6	***	***
21215	48,607	20	9.4%	41.1	6	40.0%
21216	26,630	17	8.0%	63.8	7.3	23.5%
21217	30,540	26	12.2%	85.1	5.6	38.5%
21218	43,632	26	12.2%	59.6	4.8	42.3%
21222	1,585	0	0.0%	0.0	--	0.0%
21223	21,352	11	5.2%	51.5	5.5	27.3%
21224	34,774	13	6.1%	37.4	4.7	46.2%
21225	14,332	3	1.4%	20.9	***	***
21226	2,606	1	0.5%	38.4	***	***
21227	791	***	***	***	***	***
21228	226	***	***	***	***	***
21229	31,930	11	5.2%	34.5	4.2	45.5%
21230	29,087	3	1.4%	10.3	***	***
21231	13,788	4	1.9%	29.0	***	***
21234	7,197	1	0.5%	13.9	***	***
21236	175	***	***	***	***	***
21237	39	***	***	***	***	***
21239	20,194	8	3.8%	39.6	3.5	50.0%
21251	934	***	***	***	***	***
TOTAL	523,202	213	100.0%	40.7	5.1	39.9%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2015, by Jurisdiction, Reported through 6/30/2016

JURISDICTION OF RESIDENCE AT DIAGNOSIS	POPULATION AGE 13+	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS			ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS			ADULT/ADOLESCENT TOTAL LIVING HIV CASES			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21201	15,212	256	4.6%	1,682.9	296	4.3%	1,945.8	552	4.4%	3,628.6	27
21202	20,778	371	6.6%	1,785.5	445	6.5%	2,141.6	816	6.5%	3,927.1	25
21205	12,576	275	4.9%	2,186.8	318	4.6%	2,528.7	593	4.8%	4,715.5	21
21206	33,276	247	4.4%	742.3	306	4.5%	919.6	553	4.4%	1,661.9	60
21207	11,900	139	2.5%	1,168.1	155	2.3%	1,302.5	294	2.4%	2,470.6	40
21208	1,595	6	0.1%	376.1	1	0.0%	62.7	7	0.1%	438.8	227
21209	10,125	30	0.5%	296.3	35	0.5%	345.7	65	0.5%	642.0	155
21210	12,037	21	0.4%	174.5	13	0.2%	108.0	34	0.3%	282.5	354
21211	15,580	63	1.1%	404.4	78	1.1%	500.6	141	1.1%	905.0	110
21212	17,757	132	2.3%	743.4	147	2.1%	827.8	279	2.2%	1,571.2	63
21213	26,660	406	7.2%	1,522.9	539	7.9%	2,021.7	945	7.6%	3,544.6	28
21214	17,286	79	1.4%	457.0	114	1.7%	659.5	193	1.5%	1,116.5	89
21215	48,607	491	8.7%	1,010.1	637	9.3%	1,310.5	1,128	9.0%	2,320.6	43
21216	26,630	330	5.9%	1,239.2	428	6.3%	1,607.2	758	6.1%	2,846.4	35
21217	30,540	644	11.4%	2,108.7	792	11.6%	2,593.4	1,436	11.5%	4,702.1	21
21218	43,632	576	10.2%	1,320.1	658	9.6%	1,508.1	1,234	9.9%	2,828.2	35
21222	1,585	13	0.2%	820.1	2	0.0%	126.2	15	0.1%	946.3	105
21223	21,352	346	6.2%	1,620.4	459	6.7%	2,149.7	805	6.5%	3,770.1	26
21224	34,774	210	3.7%	603.9	233	3.4%	670.0	443	3.6%	1,273.9	78
21225	14,332	122	2.2%	851.3	155	2.3%	1,081.5	277	2.2%	1,932.8	51
21226	2,606	14	0.2%	537.3	22	0.3%	844.3	36	0.3%	1,381.6	72
21227	791	***	***	***	***	***	***	***	***	***	***
21228	226	***	***	***	***	***	***	***	***	***	***
21229	31,930	279	5.0%	873.8	374	5.5%	1,171.3	653	5.2%	2,045.1	48
21230	29,087	172	3.1%	591.3	189	2.8%	649.8	361	2.9%	1,241.1	80
21231	13,788	113	2.0%	819.6	157	2.3%	1,138.7	270	2.2%	1,958.2	51
21234	7,197	22	0.4%	305.7	46	0.7%	639.1	68	0.5%	944.8	105
21236	175	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	20,194	147	2.6%	727.9	173	2.5%	856.7	320	2.6%	1,584.6	63
21251	934	***	***	***	***	***	***	***	***	***	***
Unknown	--	69	1.2%	--	60	0.9%	--	129	1.0%	--	--
TOTAL	523,202	5,626	100.0%	1,075.3	6,847	100.0%	1,308.7	12,473	100.0%	2,384.0	41

*** Data withheld due to low population and/or case counts

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2015.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 3A – Adult/Adolescent HIV Cases Alive on 12/31/2015, by Jurisdiction and Current Residence, Reported through 6/30/2016

JURISDICTION OF RESIDENCE	POPULATION AGE 13+	ADULT/ADOLESCENT LIVING HIV CASES WITH OR WITHOUT AIDS DIAGNOSIS								
		Residence at HIV Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio	No.	% of Total	Rate	Ratio	
21201	15,212	552	4.4%	3,628.6	27	476	4.5%	3,129.1	31	-13.8%
21202	20,778	816	6.5%	3,927.1	25	583	5.5%	2,805.8	35	-28.6%
21205	12,576	593	4.8%	4,715.5	21	366	3.5%	2,910.4	34	-38.3%
21206	33,276	553	4.4%	1,661.9	60	594	5.6%	1,785.1	56	7.4%
21207	11,900	294	2.4%	2,470.6	40	208	2.0%	1,747.9	57	-29.3%
21208	1,595	7	0.1%	438.8	227	8	0.1%	501.5	199	14.3%
21209	10,125	65	0.5%	642.0	155	58	0.5%	572.8	174	-10.8%
21210	12,037	34	0.3%	282.5	354	38	0.4%	315.7	316	11.8%
21211	15,580	141	1.1%	905.0	110	135	1.3%	866.5	115	-4.3%
21212	17,757	279	2.2%	1,571.2	63	255	2.4%	1,436.1	69	-8.6%
21213	26,660	945	7.6%	3,544.6	28	815	7.7%	3,057.0	32	-13.8%
21214	17,286	193	1.5%	1,116.5	89	206	2.0%	1,191.7	83	6.7%
21215	48,607	1,128	9.0%	2,320.6	43	1,015	9.6%	2,088.2	47	-10.0%
21216	26,630	758	6.1%	2,846.4	35	640	6.1%	2,403.3	41	-15.6%
21217	30,540	1,436	11.5%	4,702.1	21	1,195	11.3%	3,913.0	25	-16.8%
21218	43,632	1,234	9.9%	2,828.2	35	985	9.3%	2,257.5	44	-20.2%
21222	1,585	15	0.1%	946.3	105	16	0.2%	1,009.3	99	6.7%
21223	21,352	805	6.5%	3,770.1	26	691	6.5%	3,236.2	30	-14.2%
21224	34,774	443	3.6%	1,273.9	78	349	3.3%	1,003.6	99	-21.2%
21225	14,332	277	2.2%	1,932.8	51	242	2.3%	1,688.6	59	-12.6%
21226	2,606	36	0.3%	1,381.6	72	28	0.3%	1,074.6	93	-22.2%
21227	791	***	***	***	***	***	***	***	***	***
21228	226	***	***	***	***	***	***	***	***	***
21229	31,930	653	5.2%	2,045.1	48	632	6.0%	1,979.3	50	-3.2%
21230	29,087	361	2.9%	1,241.1	80	332	3.1%	1,141.4	87	-8.0%
21231	13,788	270	2.2%	1,958.2	51	232	2.2%	1,682.6	59	-14.1%
21234	7,197	68	0.5%	944.8	105	67	0.6%	930.9	107	-1.5%
21236	175	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***
21239	20,194	320	2.6%	1,584.6	63	319	3.0%	1,579.7	63	-0.3%
21251	934	***	***	***	***	***	***	***	***	***
Unknown	--	129	1.0%	--	--	66	0.6%	--	--	-48.8%
TOTAL	523,202	12,473	100.0%	2,384.0	41	10,558	100.0%	2,018.0	49	-15.4%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence: Jurisdiction of residence at time of initial HIV diagnosis or most recent lab test.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2015.

Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Current Residence: Jurisdiction of residence from the most recent laboratory test or case report between 1/1/2009-6/30/2016.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Percent Change: The extent to which a county gained or lost HIV/AIDS cases relative to the number of cases diagnosed in the county.

For additional information regarding current residence, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5227.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2015, Reported through 6/30/2016

JURISDICTION OF RESIDENCE AT DIAGNOSIS	ADULT/ADOLESCENT TOTAL LIVING HIV CASES							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21201	552	286	51.8%	518	15.7%	14.3%	18.2%	51.7%
21202	816	383	46.9%	540	13.3%	11.2%	21.1%	54.3%
21205	593	336	56.7%	583	11.6%	14.9%	14.6%	58.9%
21206	553	327	59.1%	524	11.3%	14.4%	20.5%	53.8%
21207	294	174	59.2%	542	11.5%	13.8%	19.0%	55.7%
21208	7	5	71.4%	750	0.0%	0.0%	0.0%	100.0%
21209	65	30	46.2%	524	16.7%	13.3%	16.7%	53.3%
21210	34	16	47.1%	528	12.5%	12.5%	12.5%	62.5%
21211	141	71	50.4%	568	9.9%	12.7%	18.3%	59.2%
21212	279	161	57.7%	598	11.8%	14.3%	11.2%	62.7%
21213	945	569	60.2%	502	14.4%	16.9%	18.6%	50.1%
21214	193	124	64.2%	551	13.7%	16.9%	10.5%	58.9%
21215	1,128	656	58.2%	527	16.3%	15.5%	15.4%	52.7%
21216	758	424	55.9%	506	14.4%	17.5%	17.5%	50.7%
21217	1,436	817	56.9%	500	14.9%	16.8%	18.2%	50.1%
21218	1,234	693	56.2%	541	13.4%	16.7%	16.0%	53.8%
21222	15	5	33.3%	678	0.0%	0.0%	40.0%	60.0%
21223	805	452	56.1%	517	16.6%	14.4%	17.9%	51.1%
21224	443	268	60.5%	515	14.9%	13.4%	20.1%	51.5%
21225	277	174	62.8%	526	13.2%	19.5%	14.4%	52.9%
21226	36	21	58.3%	508	14.3%	23.8%	9.5%	52.4%
21227	***	***	***	***	***	***	***	***
21228	***	***	***	***	***	***	***	***
21229	653	425	65.1%	508	14.6%	15.5%	18.8%	51.1%
21230	361	207	57.3%	554	13.5%	14.5%	16.4%	55.6%
21231	270	150	55.6%	499	16.0%	13.3%	21.3%	49.3%
21234	68	44	64.7%	465	13.6%	18.2%	25.0%	43.2%
21236	***	***	***	***	***	***	***	***
21237	***	***	***	***	***	***	***	***
21239	320	202	63.1%	553	13.4%	16.3%	15.8%	54.5%
21251	***	***	***	***	***	***	***	***
Unknown	129	53	41.1%	573	7.5%	11.3%	20.8%	60.4%
TOTAL	12,473	7,100	56.9%	527	14.1%	15.4%	17.5%	53.0%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year, reported through 6/30/2016.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result measured in the specified year, reported through 6/30/2016.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2015, by Jurisdiction, Reported through 6/30/2016

JURISDICTION OF RESIDENCE AT DIAGNOSIS	ADULT/ADOLESCENT TOTAL LIVING HIV CASES				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
21201	552	266	48.2%	70.7%	14,900
21202	816	335	41.1%	73.1%	5,567
21205	593	277	46.7%	64.6%	4,328
21206	553	312	56.4%	76.3%	16,660
21207	294	166	56.5%	73.5%	11,367
21208	7	4	57.1%	***	***
21209	65	33	50.8%	72.7%	4,760
21210	34	14	41.2%	85.7%	29,210
21211	141	69	48.9%	84.1%	60,052
21212	279	140	50.2%	77.9%	7,460
21213	945	494	52.3%	66.6%	12,443
21214	193	114	59.1%	71.9%	4,692
21215	1,128	630	55.9%	73.3%	13,105
21216	758	407	53.7%	69.3%	11,220
21217	1,436	777	54.1%	68.0%	10,210
21218	1,234	624	50.6%	69.6%	9,530
21222	15	4	26.7%	***	***
21223	805	431	53.5%	72.4%	6,765
21224	443	222	50.1%	62.2%	4,961
21225	277	144	52.0%	72.2%	19,390
21226	36	18	50.0%	72.2%	58,958
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	653	399	61.1%	74.4%	13,720
21230	361	187	51.8%	71.7%	17,300
21231	270	128	47.4%	68.0%	21,363
21234	68	41	60.3%	68.3%	7,270
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	320	185	57.8%	71.4%	22,454
21251	***	***	***	***	***
Unknown	129	54	41.9%	68.5%	13,741
TOTAL	12,473	6,503	52.1%	70.8%	10,990

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

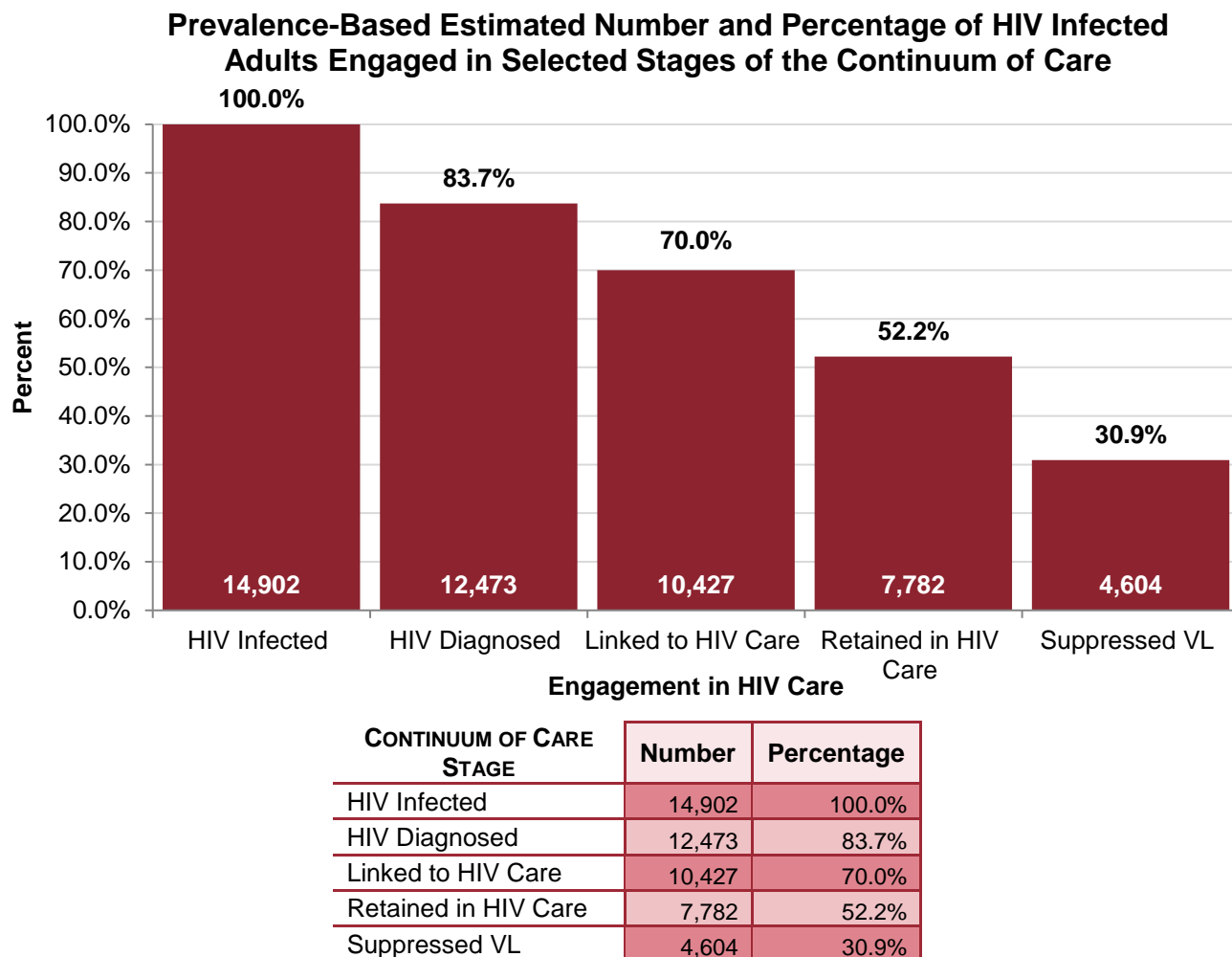
Recent Viral Load Test Result: The most recent viral load test result measured in the specified year, reported through 6/30/2016.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load measured in the specified year of less than 200 copies per milliliter, reported through 6/30/2016.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result measured in the specified year of 200 copies per milliliter or greater, reported through 6/30/2016.

Figure 7 – Prevalence-Based Estimated Adult/Adolescent 2015 HIV Continuum of Care Cascades, Reported through 6/30/2016

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The prevalence-based Baltimore City Engagement in HIV Care Cascade (below) uses a CDC estimate of the percentage of undiagnosed persons in Maryland (16.3%)² to generate an estimated number of HIV infected persons in Baltimore City. It then uses local data to describe the number and percentage of persons living with HIV in Baltimore City who belong to each of the stages of engagement in HIV care.



HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (16.3%) in Maryland.

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result measured in the specified year, reported through 6/30/2016.

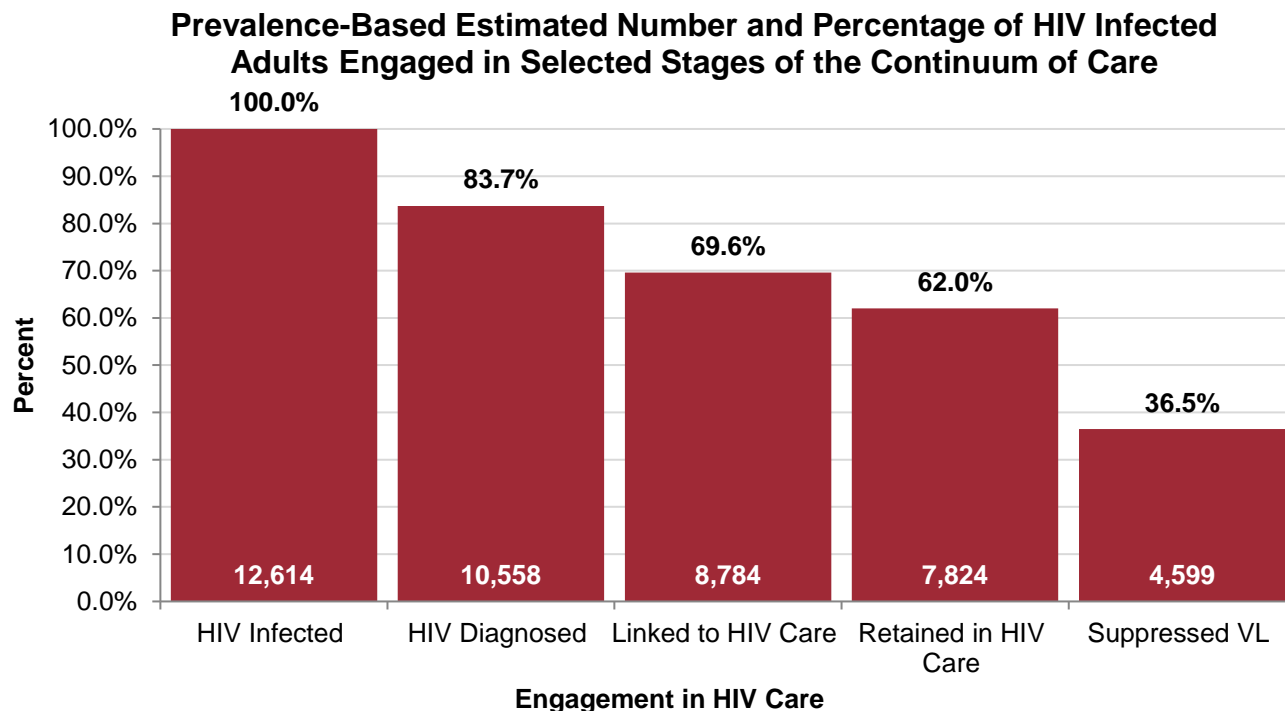
Suppressed Viral Load: HIV Diagnosed with the most recent viral load measured in the specified year, reported through 6/30/2016 of less than 200 copies per milliliter.

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test and Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis.* 2011; 52 (6): 7930-800.

² Centers for Disease Control and Prevention. Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2014. *HIV Surveillance Supplemental Report* 2016;21(No. 4). <http://www.cdc.gov/hiv/library/reports/surveillance/>. Published July 2016.

Figure 7A – Prevalence-Based Estimated Adult/Adolescent 2015 HIV Continuum of Care Cascades, by Current Residence, Reported through 6/30/2016

The prevalence-based Baltimore City Engagement in HIV Care Cascade (below) uses a CDC estimate of the percentage of undiagnosed persons in Maryland (16.3%)¹ to generate an estimated number of HIV infected persons in Baltimore City. It then uses local data for current Baltimore City residents to describe the number and percentage of persons living with HIV in Baltimore City who belong to each of the stages of engagement in HIV care.



CONTINUUM OF CARE STAGE	Number	Percentage
HIV Infected	12,614	100.0%
HIV Diagnosed	10,558	83.7%
Linked to HIV Care	8,784	69.6%
Retained in HIV Care	7,824	62.0%
Suppressed VL	4,599	36.5%

HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (16.3%) in Maryland.

HIV Diagnosed: Adult/adolescent total living HIV as of December 31st of the specified year with a recent address in Maryland between 2009 and 2016.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result measured in the specified year, reported through 6/30/2016.

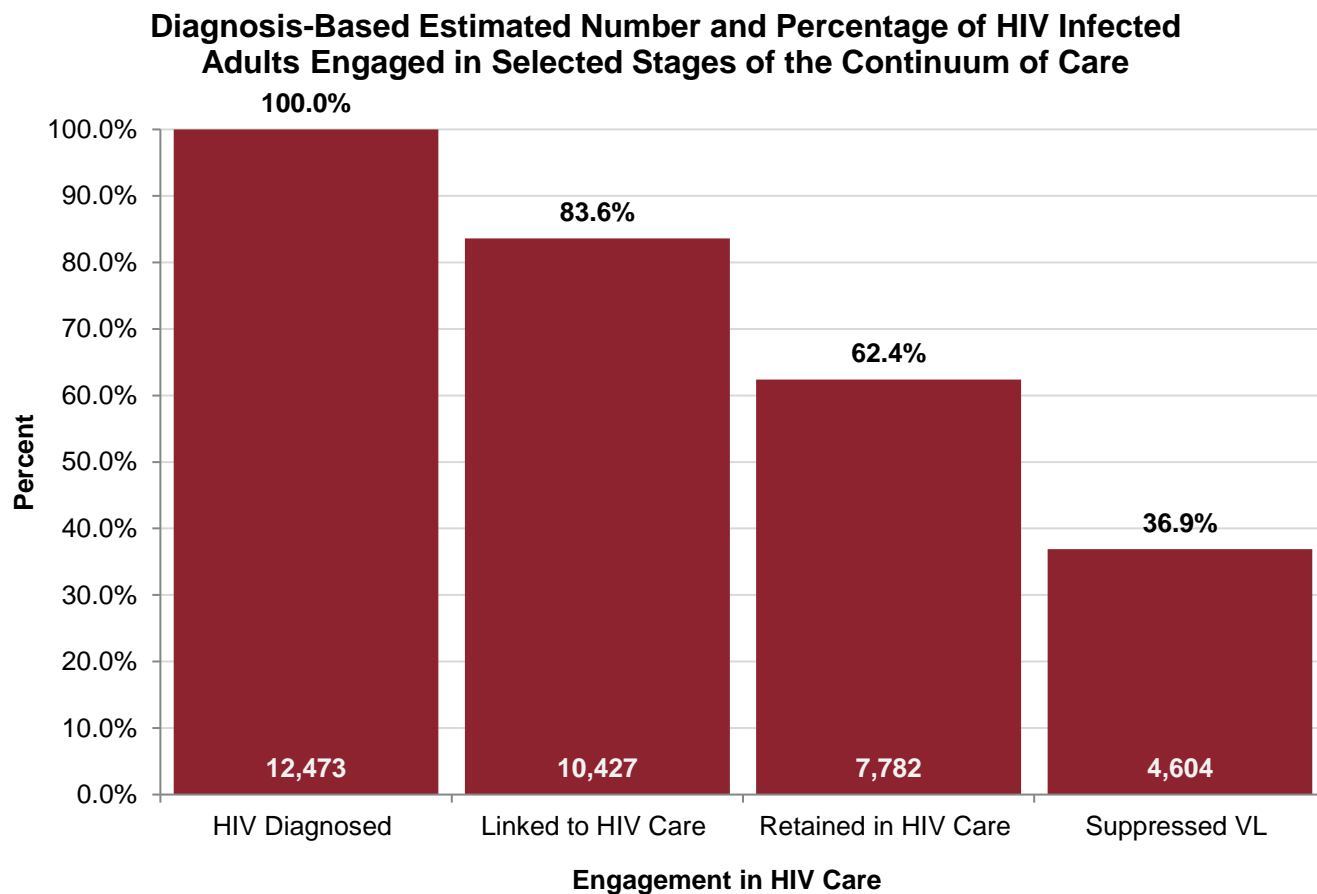
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

For additional information regarding current residence, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5227.

¹ Centers for Disease Control and Prevention. Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2014. *HIV Surveillance Supplemental Report* 2016;21(No. 4). <http://www.cdc.gov/hiv/library/reports/surveillance/>. Published July 2016.

Figure 8 – Diagnosis-Based Estimated Adult/Adolescent 2015 HIV Continuum of Care Cascades, Reported through 6/30/2016

The diagnosis-based Baltimore City Engagement in HIV Care Cascade (below) uses local data to describe the number and percentage of persons diagnosed with HIV in Baltimore City who belong to each of the stages of engagement in HIV care.



CONTINUUM OF CARE STAGE	Number	Percentage
HIV Diagnosed	12,473	100.0%
Linked to HIV Care	10,427	83.6%
Retained in HIV Care	7,782	62.4%
Suppressed VL	4,604	36.9%

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

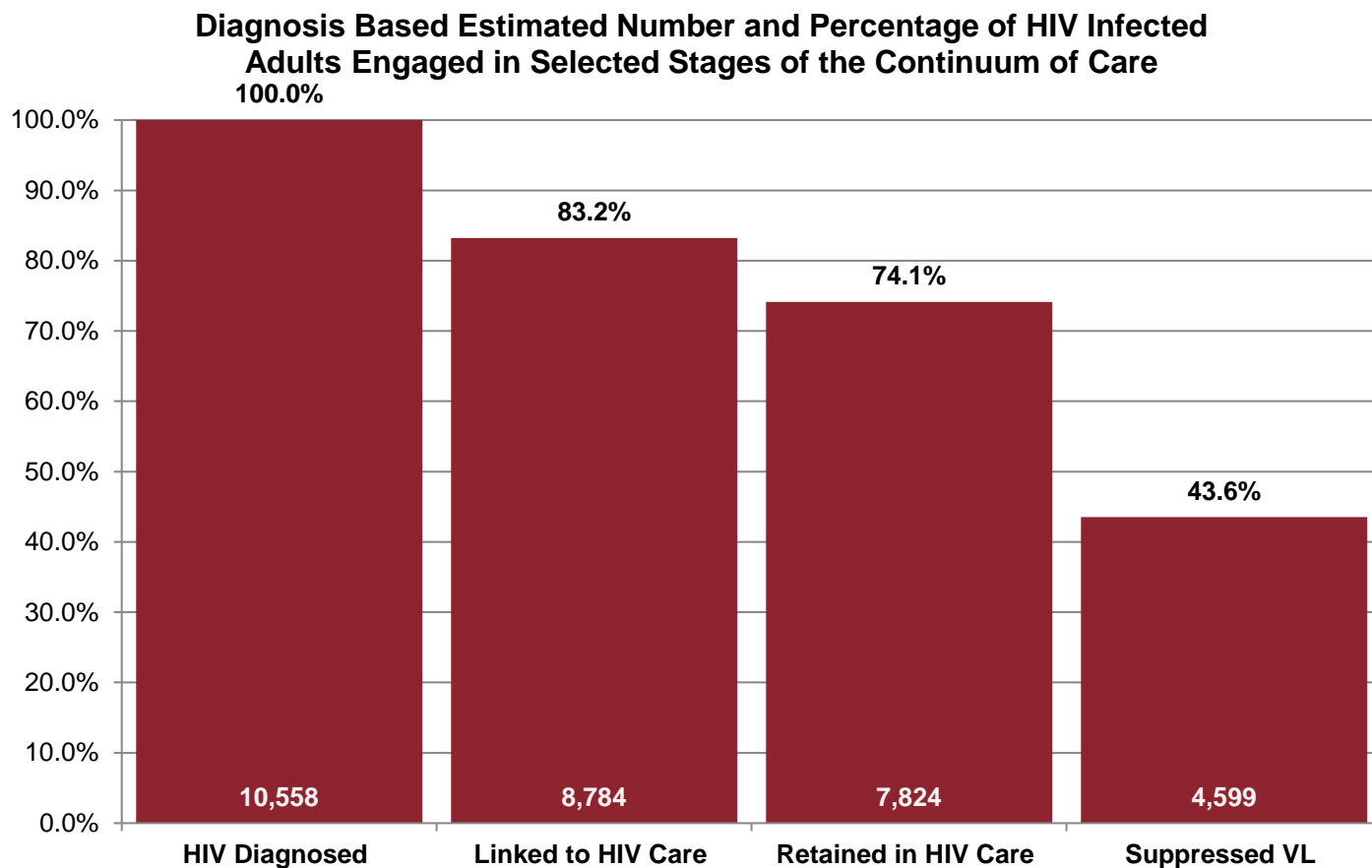
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result measured in the specified year, reported through 6/30/2016

Suppressed Viral Load: HIV Diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter, reported through 6/30/2016.

Figure 8A – Diagnosis-Based Estimated Adult/Adolescent 2015 HIV Continuum of Care Cascades, by Current Residence, Reported through 6/30/2016

The diagnosis-based Baltimore City Engagement in HIV Care Cascade (below) uses local data for current Baltimore City residents to describe the number and percentage of persons diagnosed with HIV in Baltimore City who belong to each of the stages of engagement in HIV care.



CONTINUUM OF CARE STAGE	Number	Percentage
HIV Diagnosed	10,558	100.0%
Linked to HIV Care	8,784	83.2%
Retained in HIV Care	7,824	74.1%
Suppressed VL	4,599	43.6%

HIV Diagnosed: Adult/adolescent total living HIV as of December 31st of the specified year with a recent address in Maryland between 2009 and 2016.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result measured in the specified year, reported through 6/30/2016.

Suppressed Viral Load: HIV Diagnosed with the most recent viral measured in the specified year of less than 200 copies per milliliter, reported through 6/30/2016.

For additional information regarding current residence, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5227.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2015, First CD4 Test Result, Percent Linked to Care, Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 6/30/2016

AGE AT HIV DIAGNOSIS	POPULATION	REPORTED HIV DIAGNOSES								First CD4 Test Result	
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
<5 (Pediatric)	41,301	0	0.0%	0.0	--	--	--	--	--	--	--
5-12 (Pediatric)	57,346	0	0.0%	0.0	--	--	--	--	--	--	--
13-19	49,592	15	4.2%	30.2	15	100.0%	***	***	14	93.3%	426
20-29	111,646	128	36.3%	114.6	110	85.9%	25	19.5%	108	84.4%	415
30-39	94,167	76	21.5%	80.7	59	77.6%	13	17.1%	57	75.0%	419
40-49	71,205	60	17.0%	84.3	49	81.7%	16	26.7%	43	71.7%	229
50-59	83,523	59	16.7%	70.6	48	81.4%	16	27.1%	43	72.9%	344
60+	113,069	15	4.2%	13.3	14	93.3%	***	***	14	93.3%	249
TOTAL	621,849	353	100.0%	56.8	295	83.6%	79	22.4%	279	79.0%	384

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2015, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 6/30/2016

AGE AT AIDS DIAGNOSIS	POPULATION	REPORTED AIDS DIAGNOSES				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	41,301	0	0.0%	0.0	--	--
5-12 (Pediatric)	57,346	0	0.0%	0.0	--	--
13-19	49,592	1	0.5%	2.0	***	***
20-29	111,646	44	20.6%	39.4	2.5	61.4%
30-39	94,167	52	24.3%	55.2	6.1	26.9%
40-49	71,205	42	19.6%	59.0	5.8	40.5%
50-59	83,523	51	23.8%	61.1	5.9	35.3%
60+	113,069	24	11.2%	21.2	5.8	33.3%
TOTAL	621,849	214	100.0%	34.4	5.2	39.7%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2015, by Age on 12/31/2015, Reported through 6/30/2016

AGE ON 12/31/2015	POPULATION	LIVING HIV CASES WITHOUT AIDS			LIVING HIV CASES WITH AIDS			TOTAL LIVING HIV CASES			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	41,301	2	0.0%	4.8	1	0.0%	2.4	3	0.0%	7.3	13,767
5-12	57,346	14	0.2%	24.4	1	0.0%	1.7	15	0.1%	26.2	3,823
13-19	49,592	52	0.9%	104.9	18	0.3%	36.3	70	0.6%	141.2	708
20-29	111,646	767	13.4%	687.0	365	5.2%	326.9	1,132	8.9%	1,013.9	98
30-39	94,167	1,016	17.7%	1,078.9	727	10.4%	772.0	1,743	13.7%	1,851.0	54
40-49	71,205	1,245	21.7%	1,748.5	1,604	23.0%	2,252.7	2,849	22.5%	4,001.1	24
50-59	83,523	1,761	30.8%	2,108.4	2,782	39.9%	3,330.8	4,543	35.8%	5,439.2	18
60+	113,069	868	15.2%	767.7	1,467	21.1%	1,297.4	2,335	18.4%	2,065.1	48
TOTAL	621,849	5,725	100.0%	920.6	6,965	100.0%	1,120.0	12,690	100.0%	2,040.7	49

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2015.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2015, by Age on 12/31/2015, Reported through 6/30/2016

AGE ON 12/31/2015	ADULT/ADOLESCENT TOTAL LIVING HIV CASES							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	23	15	65.2%	668	6.7%	13.3%	20.0%	60.0%
20-29	991	599	60.4%	508	14.0%	15.2%	20.0%	50.8%
30-39	1,732	936	54.0%	519	14.2%	15.5%	18.3%	52.0%
40-49	2,849	1,574	55.2%	500	16.1%	16.8%	17.0%	50.1%
50-59	4,543	2,663	58.6%	544	13.7%	14.9%	16.3%	55.0%
60+	2,335	1,313	56.2%	535	12.4%	14.9%	18.7%	54.0%
TOTAL	12,473	7,100	56.9%	527	14.1%	15.4%	17.5%	53.0%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2015, by Age on 12/31/2015, Reported through 6/30/2016

AGE ON 12/31/2015	ADULT/ADOLESCENT TOTAL LIVING HIV CASES				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	23	20	87.0%	25.0%	5,480
20-29	991	631	63.7%	52.9%	12,882
30-39	1,732	910	52.5%	61.5%	13,622
40-49	2,849	1,471	51.6%	68.9%	14,630
50-59	4,543	2,367	52.1%	75.4%	7,626
60+	2,335	1,104	47.3%	81.9%	5,661
TOTAL	12,473	6,503	52.1%	70.8%	10,990

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year, reported through 6/30/2016.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result measured in the specified year, reported through 6/30/2016.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year, reported through 6/30/2016.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load measured in the specified year of less than 200 copies per milliliter, reported through 6/30/2016.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result measured in the specified year of 200 copies per milliliter or greater, reported through 6/30/2016.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2015, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 6/30/2016

SEX AT BIRTH	POPULATION AGE 13+*	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
Male	242,700	264	74.8%	108.8	221	83.7%	63	23.9%		209	79.2%	375
Female	280,502	89	25.2%	31.7	74	83.1%	16	18.0%		70	78.7%	413
TOTAL	523,202	353	100.0%	67.5	295	83.6%	79	22.4%		279	79.0%	384

RACE/ETHNICITY	POPULATION AGE 13+*	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
Hispanic	22,137	14	4.0%	63.2	12	85.7%	3	21.4%		12	85.7%	426
Non-Hispanic	501,065	339	96.0%	67.7	283	83.5%	76	22.4%		267	78.8%	378
American Indian/Alaska Native, only	1,511	1	0.3%	66.2	***	***	***	***		***	***	***
Asian, only	14,996	2	0.6%	13.3	***	***	***	***		***	***	***
Black, only	321,298	296	83.9%	92.1	242	81.8%	66	22.3%		226	76.4%	359
Native Hawaiian/ Other Pacific Islander, only	207	0	0.0%	0.0	--	--	--	--		--	--	--
White only	155,693	33	9.3%	21.2	31	93.9%	7	21.2%		31	93.9%	467
Multiracial/ Other	7,361	7	2.0%	95.1	7	100.0%	***	***		7	100.0%	284
TOTAL	523,202	353	100.0%	67.5	295	83.6%	79	22.4%		279	79.0%	384

COUNTRY OF BIRTH	POPULATION AGE 13+**	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
United States	480,117	296	83.9%	61.7	246	83.1%	65	22.0%		232	78.4%	391
Foreign-born	44,826	7	2.0%	15.6	5	71.4%	2	28.6%		6	85.7%	276
Africa	--	2	0.6%	--	***	***	***	***		***	***	***
Asia	--	0	0.0%	--	0	0.0%	0	0.0%		0	0.0%	--
Caribbean	--	0	0.0%	--	0	0.0%	0	0.0%		0	0.0%	--
Central America	--	4	1.1%	--	***	***	***	***		***	***	***
Other	--	1	0.3%	--	***	***	***	***		***	***	***
Unknown	--	50	14.2%	--	44	88.0%	12	24.0%		41	82.0%	355
TOTAL	524,944	353	100.0%	67.2	295	83.6%	79	22.4%		279	79.0%	384

* Population data by sex at birth, age, and race/ethnicity are from the 2015 U.S. Census population estimates

** Population data by country of birth are from the 2014 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2015, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 6/30/2016

SEX AT BIRTH	POPULATION AGE 13+*	ADULT/ADOLESCENT REPORTED AIDS DIAGNOSES				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	242,700	140	65.7%	57.7	4.5	47.1%
Female	280,502	73	34.3%	26.0	6.4	26.0%
TOTAL	523,202	213	100.0%	40.7	5.1	39.9%

RACE/ETHNICITY	POPULATION AGE 13+*	ADULT/ADOLESCENT REPORTED AIDS DIAGNOSES				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	22,137	8	3.8%	36.1	4.9	37.5%
Non-Hispanic	501,065	205	96.2%	40.9	5.1	40.0%
American Indian/Alaska Native, only	1,511	***	***	***	***	***
Asian, only	14,996	0	0.0%	0.0	--	0.0%
Black, only	321,298	181	85.0%	56.3	5.2	39.2%
Native Hawaiian/Other Pacific Islander, only	207	***	***	***	***	***
White only	155,693	16	7.5%	10.3	3.9	50.0%
Multiracial/Other	7,361	7	3.3%	95.1	6.7	28.6%
TOTAL	523,202	213	100.0%	40.7	5.1	39.9%

COUNTY OF BIRTH	POPULATION AGE 13+**	ADULT/ADOLESCENT REPORTED AIDS DIAGNOSES				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	480,117	190	89.2%	39.6	5.5	36.8%
Foreign-born	44,826	6	2.8%	13.4	4.4	33.3%
Africa	--	1	0.5%	--	***	***
Asia	--	0	0.0%	--	--	0.0%
Caribbean	--	1	0.5%	--	***	***
Central America	--	4	1.9%	--	***	***
Other	--	0	0.0%	--	--	0.0%
Unknown	--	17	8.0%	--	1.6	76.5%
TOTAL	524,944	213	100.0%	40.6	5.1	39.9%

* Population data by sex at birth, age, and race/ethnicity are from the 2015 U.S. Census population estimates

** Population data by country of birth are from the 2014 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2015 and Reported through 6/30/2016

SEX AT BIRTH	POPULATION AGE 13+	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS			ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS			ADULT/ADOLESCENT TOTAL LIVING HIV CASES			Ratio (1 in X)
		No.	%	Rate	No.	%	Rate	No.	%	Rate	
Male	242,700	3,668	65.2%	1,511.3	4,286	62.6%	1,766.0	7,954	63.8%	3,277.3	30
Female	280,502	1,958	34.8%	698.0	2,561	37.4%	913.0	4,519	36.2%	1,611.0	62
TOTAL	523,202	5,626	100.0%	1,075.3	6,847	100.0%	1,308.7	12,473	100.0%	2,384.0	41

RACE/ETHNICITY	POPULATION AGE 13+*	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS			ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS			ADULT/ADOLESCENT TOTAL LIVING HIV CASES			Ratio (1 in X)
		No.	%	Rate	No.	%	Rate	No.	%	Rate	
Hispanic	22,137	136	2.4%	614.4	190	2.8%	858.3	326	2.6%	1,472.6	67
Non-Hispanic	501,065	5,490	97.6%	1,095.7	6,657	97.2%	1,328.6	12,147	97.4%	2,424.2	41
American Indian/Alaska Native, only	1,511	***	***	***	***	***	***	***	***	***	***
Asian, only	14,996	18	0.3%	120.0	7	0.1%	46.7	25	0.2%	166.7	599
Black, only	321,298	4,682	83.2%	1,457.2	5,724	83.6%	1,781.5	10,406	83.4%	3,238.7	30
Native Hawaiian/Other Pacific Islander, only	207	***	***	***	***	***	***	***	***	***	***
White only	155,693	609	10.8%	391.2	614	9.0%	394.4	1,223	9.8%	785.5	127
Multiracial/Other	7,361	173	3.1%	2,350.3	307	4.5%	4,170.7	480	3.8%	6,521.0	15
TOTAL	523,202	5,626	100.0%	1,075.3	6,847	100.0%	1,308.7	12,473	100.0%	2,384.0	41

COUNTRY OF BIRTH	POPULATION AGE 13+**	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS			ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS			ADULT/ADOLESCENT TOTAL LIVING HIV CASES			Ratio (1 in X)
		No.	%	Rate	No.	%	Rate	No.	%	Rate	
United States	480,117	5,349	95.1%	1,114.1	6,615	96.6%	1,377.8	11,964	95.9%	2,491.9	40
Foreign-born	44,826	72	1.3%	160.6	138	2.0%	307.9	210	1.7%	468.5	213
Africa	--	28	0.5%	--	69	1.0%	--	97	0.8%	--	--
Asia	--	8	0.1%	--	7	0.1%	--	15	0.1%	--	--
Caribbean	--	7	0.1%	--	14	0.2%	--	21	0.2%	--	--
Central America	--	15	0.3%	--	31	0.5%	--	46	0.4%	--	--
Other	--	14	0.2%	--	17	0.2%	--	31	0.2%	--	--
Unknown	--	205	3.6%	--	94	1.4%	--	299	2.4%	--	--
TOTAL	524,944	5,626	100.0%	1,071.7	6,847	100.0%	1,304.3	12,473	100.0%	2,376.1	42

* Population data by sex at birth, age, and race/ethnicity are from the 2015 U.S. Census population estimates

** Population data by country of birth are from the 2014 American Community Survey

*** Data withheld due to low population and/or case counts

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2015.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2015 and Reported through 6/30/2016

SEX AT BIRTH	ADULT/ADOLESCENT TOTAL LIVING HIV CASES							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	7,954	4,268	53.7%	502	14.2%	16.4%	19.1%	50.2%
Female	4,519	2,832	62.7%	570	13.9%	14.0%	15.0%	57.1%
TOTAL	12,473	7,100	56.9%	527	14.1%	15.4%	17.5%	53.0%

RACE/ETHNICITY	ADULT/ADOLESCENT TOTAL LIVING HIV CASES							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	326	196	60.1%	486	14.3%	13.8%	23.5%	48.5%
Non-Hispanic	12,147	6,904	56.8%	527	14.1%	15.5%	17.3%	53.1%
American Indian/Alaska Native, only	11	***	***	***	***	***	***	***
Asian, only	25	14	56.0%	486	0.0%	7.1%	64.3%	28.6%
Black, only	10,406	5,975	57.4%	524	14.2%	15.7%	17.6%	52.5%
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***	***	***	***
White only	1,223	570	46.6%	583	11.8%	12.6%	15.6%	60.0%
Multiracial/Other	480	343	71.5%	522	16.6%	17.5%	13.1%	52.8%
TOTAL	12,473	7,100	56.9%	527	14.1%	15.4%	17.5%	53.0%

COUNTRY OF BIRTH	ADULT/ADOLESCENT TOTAL LIVING HIV CASES							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	11,964	6,803	56.9%	527	14.1%	15.4%	17.4%	53.1%
Foreign-born	210	109	51.9%	484	11.0%	16.5%	25.7%	46.8%
Africa	97	47	48.5%	500	8.5%	19.1%	21.3%	51.1%
Asia	15	7	46.7%	482	0.0%	0.0%	71.4%	28.6%
Caribbean	21	13	61.9%	542	15.4%	15.4%	15.4%	53.8%
Central America	46	24	52.2%	412	16.7%	25.0%	25.0%	33.3%
Other	31	18	58.1%	564	11.1%	5.6%	27.8%	55.6%
Unknown	299	188	62.9%	528	15.4%	15.4%	16.5%	52.7%
TOTAL	12,473	7,100	56.9%	527	14.1%	15.4%	17.5%	53.0%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year, as reported through 6/30/2016.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result measured in the specified year, as reported through 6/30/2016.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2015 and Reported through 6/30/2016

ADULT/ADOLESCENT TOTAL LIVING HIV CASES					
SEX AT BIRTH	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	7,954	3,925	49.3%	72.0%	11,780
Female	4,519	2,578	57.0%	68.9%	9,866
TOTAL	12,473	6,503	52.1%	70.8%	10,990

ADULT/ADOLESCENT TOTAL LIVING HIV CASES					
RACE/ETHNICITY	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	326	188	57.7%	73.9%	9,766
Non-Hispanic	12,147	6,315	52.0%	70.7%	11,040
American Indian/Alaska Native, only	11	***	***	***	***
Asian, only	25	13	52.0%	84.6%	35,499
Black, only	10,406	5,491	52.8%	69.5%	10,800
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***
White only	1,223	510	41.7%	80.6%	11,931
Multiracial/Other	480	299	62.3%	74.9%	18,404
TOTAL	12,473	6,503	52.1%	70.8%	10,990

ADULT/ADOLESCENT TOTAL LIVING HIV CASES					
COUNTRY OF BIRTH	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	11,964	6,211	51.9%	70.5%	10,937
Foreign-born	210	101	48.1%	84.2%	5,545
Africa	97	41	42.3%	85.4%	12,520
Asia	15	7	46.7%	85.7%	1,288
Caribbean	21	11	52.4%	90.9%	26,892
Central America	46	25	54.3%	80.0%	13,791
Other	31	17	54.8%	82.4%	669
Unknown	299	191	63.9%	70.7%	12,909
TOTAL	12,473	6,503	52.1%	70.8%	10,990

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

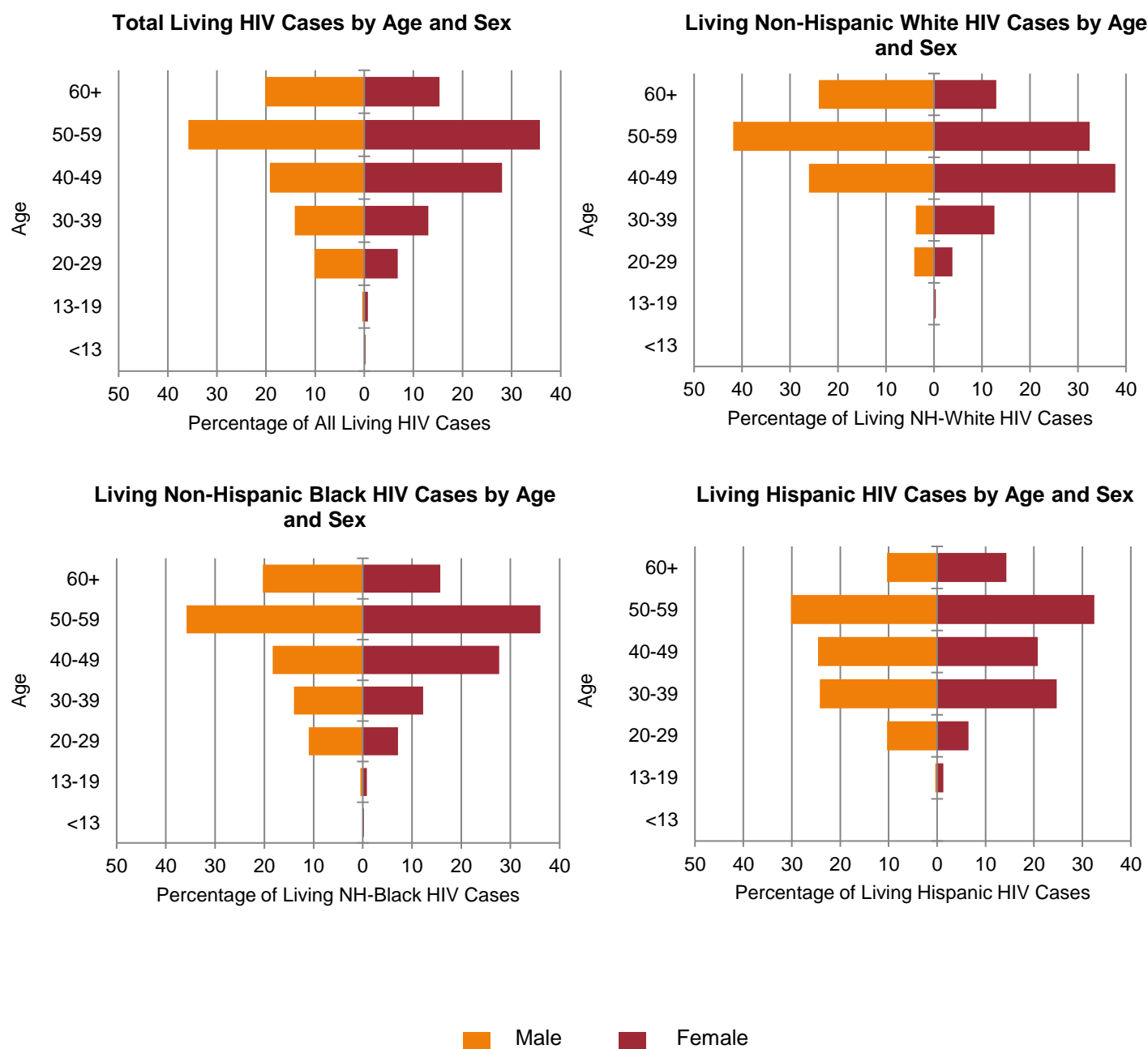
Recent Viral Load Test Result: The most recent viral load test result measured in the specified year, reported through 6/30/2016.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load measured in the specified year of less than 200 copies per milliliter, reported through 6/30/2016.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result measured in the specified year, reported through 6/30/2016 of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 9 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2015 and Reported through 6/30/2016



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2015 and Reported through 6/30/2016

MALES						
AGE ON 12/31/2015		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non- Hispanic Black, only	Non- Hispanic White, only	Non- Hispanic Other Race	
<13 (Pediatric)	Population	4,120	32,986	10,300	2,967	50,373
	Cases	0	6	0	0	6
	Rate	0.0	18.2	0.0	0.0	11.9
	Ratio (1 in X)	--	5,497	--	--	8,395
13-19	Population	1,300	17,434	4,528	1,364	24,626
	Cases	1	33	1	0	35
	Rate	76.9	189.3	22.1	0.0	142.1
	Ratio (1 in X)	1,300	528	4,528	--	703
20-29	Population	3,096	29,932	16,795	3,358	53,181
	Cases	26	717	36	36	815
	Rate	839.8	2,395.4	214.3	1,072.1	1,532.5
	Ratio (1 in X)	119	41	466	93	65
30-39	Population	3,614	21,760	16,925	2,738	45,037
	Cases	61	913	111	52	1,137
	Rate	1,687.9	4,195.8	655.8	1,899.2	2,524.6
	Ratio (1 in X)	59	23	152	52	39
40-49	Population	2,075	20,315	10,203	1,421	34,014
	Cases	62	1,196	227	62	1,547
	Rate	2,988.0	5,887.3	2,224.8	4,363.1	4,548.1
	Ratio (1 in X)	33	16	44	22	21
50-59	Population	1,166	25,443	11,082	1,220	38,911
	Cases	***	2,337	364	***	2,883
	Rate	***	9,185.2	3,284.6	***	7,409.2
	Ratio (1 in X)	***	10	30	***	13
60+	Population	845	27,997	16,904	1,185	46,931
	Cases	***	1,325	209	***	1,625
	Rate	***	4,733	1,236	***	3,463
	Ratio (1 in X)	***	21	80	***	28
TOTAL MALES BY RACE/ETHNICITY	Population	16,216	175,867	86,737	14,253	293,073
	Cases	252	6,527	948	321	8,048
	Rate	1,554.0	3,711.3	1,093.0	2,252.2	2,746.1
	Ratio (1 in X)	64	26	91	44	36

*** Data withheld due to low population and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2015 and Reported through 6/30/2016

FEMALES						
AGE ON 12/31/2015		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non- Hispanic Black, only	Non- Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,696	31,843	9,731	3,004	48,274
	Cases	0	11	0	1	12
	Rate	0.0	34.5	0.0	33.3	24.9
	Ratio (1 in X)	--	2,894	--	3,004	4,022
13-19	Population	1,168	17,598	4,737	1,463	24,966
	Cases	1	33	1	0	35
	Rate	85.6	187.5	21.1	0.0	140.2
	Ratio (1 in X)	1,167	533	4,737	--	713
20-29	Population	2,688	33,693	18,216	3,868	58,465
	Cases	5	291	10	11	317
	Rate	186.0	863.7	54.9	284.4	542.2
	Ratio (1 in X)	537	115	1,821	351	184
30-39	Population	2,736	27,353	16,041	3,000	49,130
	Cases	19	499	56	32	606
	Rate	694.4	1,824.3	349.1	1,066.7	1,233.5
	Ratio (1 in X)	144	54	286	93	81
40-49	Population	1,550	24,587	9,420	1,634	37,191
	Cases	16	1,130	99	57	1,302
	Rate	1,032.3	4,595.9	1,051.0	3,488.4	3,500.8
	Ratio (1 in X)	96	21	95	28	28
50-59	Population	984	31,531	10,835	1,262	44,612
	Cases	***	1,471	85	***	1,660
	Rate	***	4,665.3	784.5	***	3,721.0
	Ratio (1 in X)	***	21	127	***	26
60+	Population	915	43,655	20,006	1,562	66,138
	Cases	***	641	34	***	710
	Rate	***	1,468.3	169.9	***	1,073.5
	Ratio (1 in X)	***	68	588	***	93
TOTAL FEMALES BY RACE/ETHNICITY	Population	13,737	210,260	88,986	15,793	328,776
	Cases	77	4,076	285	204	4,642
	Rate	560.5	1,938.6	320.3	1,291.7	1,411.9
	Ratio (1 in X)	178	51	312	77	70

*** Data withheld due to low population and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2015, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 6/30/2016

EXPOSURE CATEGORY	ADULT/ADOLESCENT HIV DIAGNOSES								
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result		
							No. with Test	% with Test	Median Count
With Exposure*	235	100.0%	199	84.7%	49	20.9%	195	83.0%	384
Men who have Sex with Men (MSM)	134	57.0%	118	88.1%	28	20.9%	114	85.1%	395
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	77	32.8%	64	83.1%	17	22.1%	64	83.1%	366
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%	--
No Reported Exposure	118		96	81.4%	30	25.4%	84	71.2%	365
TOTAL	353		295	83.6%	79	22.4%	279	79.0%	384

MALE EXPOSURE CATEGORY	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES								
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result		
							No. with Test	% with Test	Median Count
With Exposure*	180	100.0%	154	85.6%	38	21.1%	150	83.3%	381
Men who have Sex with Men (MSM)	134	74.4%	118	88.1%	28	20.9%	114	85.1%	395
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	31	17.2%	25	80.6%	6	19.4%	25	80.6%	327
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%	--
No Reported Exposure	84		67	79.8%	25	29.8%	59	70.2%	335
TOTAL	264		221	83.7%	63	23.9%	209	79.2%	375

FEMALE EXPOSURE CATEGORY	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES								
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result		
							No. with Test	% with Test	Median Count
With Exposure*	55	100.0%	45	81.8%	11	20.0%	45	81.8%	505
Injection Drug Users (IDU)	9	16.4%	6	66.7%	***	***	6	66.7%	493
Heterosexual Exposure (HET)	46	83.6%	39	84.8%	***	***	39	84.8%	505
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%	--
No Reported Exposure	34		29	85.3%	5	14.7%	25	73.5%	405
TOTAL	89		74	83.1%	16	18.0%	70	78.7%	413

* 2014-2015 reported HIV exposure data are preliminary.

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2015, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 6/30/2016

EXPOSURE CATEGORY	ADULT/ADOLESCENT AIDS DIAGNOSES			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure**	170	100.0%	5.9	31.8%
Men who have Sex with Men (MSM)	57	33.5%	3.7	50.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	58	34.1%	5.5	31.0%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	43		2.0	72.1%
TOTAL	213		5.1	39.9%

MALE EXPOSURE CATEGORY	ADULT/ADOLESCENT AIDS DIAGNOSES			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure**	107	100.0%	5.4	37.4%
Men who have Sex with Men (MSM)	57	53.3%	3.7	50.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	18	16.8%	4.4	33.3%
Other Exposures	0	0.0%	--	--
No Reported Exposure	33		1.6	78.8%
TOTAL	140		4.5	47.1%

FEMALE EXPOSURE CATEGORY	ADULT/ADOLESCENT AIDS DIAGNOSES			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure**	63	100.0%	6.9	22.2%
Injection Drug Users (IDU)	23	36.5%	8.3	8.7%
Heterosexual Exposure (HET)	40	63.5%	6.0	30.0%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	10		3.4	50.0%
TOTAL	73		6.4	26.0%

* Includes 1 AIDS case with Presumed Female Heterosexual exposure

** 2014-2015 reported HIV exposure data are preliminary.

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2015 and Reported through 6/30/2016

EXPOSURE CATEGORY	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS		ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS		ADULT/ADOLESCENT TOTAL LIVING HIV CASES	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	4,326	100.0%	6,340	100.0%	10,666	100.0%
Men who have Sex with Men (MSM)	1,586	36.7%	1,536	24.2%	3,122	29.3%
Injection Drug Users (IDU)	1,204	27.8%	2,571	40.6%	3,775	35.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	150	3.5%	349	5.5%	499	4.7%
Heterosexual Exposure (HET)	1,377	31.8%	1,869	29.2%	3,246	30.4%
Other Exposures	9	0.2%	15	0.2%	24	0.2%
No Reported Exposure*	1,300		507		1,807	
TOTAL	5,626		6,847		12,473	

MALE EXPOSURE CATEGORY	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS		ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS		ADULT/ADOLESCENT TOTAL LIVING HIV CASES	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2,907	100.0%	4,005	100.0%	6,912	100.0%
Men who have Sex with Men (MSM)	1,586	54.6%	1,536	38.4%	3,122	45.2%
Injection Drug Users (IDU)	717	24.7%	1,502	37.5%	2,219	32.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	150	5.2%	349	8.7%	499	7.2%
Heterosexual Exposure (HET)	450	15.5%	610	15.2%	1,060	15.3%
Other Exposures	4	0.1%	8	0.2%	12	0.2%
No Reported Exposure	761		281		1,042	
TOTAL	3,668		4,286		7,954	

FEMALE EXPOSURE CATEGORY	ADULT/ADOLESCENT LIVING HIV CASES WITHOUT AIDS		ADULT/ADOLESCENT LIVING HIV CASES WITH AIDS		ADULT/ADOLESCENT TOTAL LIVING HIV CASES	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,419	100.0%	2,335	100.0%	3,754	100.0%
Injection Drug Users (IDU)	487	34.3%	1,069	45.8%	1,556	41.4%
Heterosexual Exposure (HET)	927	65.3%	1,259	53.9%	2,186	58.2%
Other Exposures	5	0.4%	7	0.3%	12	0.3%
No Reported Exposure*	539		226		765	
TOTAL	1,958		2,561		4,519	

* Includes 54 HIV case without AIDS and 19 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2015 and Reported through 6/30/2016

EXPOSURE CATEGORY	ADULT/ADOLESCENT TOTAL LIVING HIV CASES					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	294	100.0%	8,835	100.0%	1,072	100.0%
Men who have Sex with Men (MSM)	120	40.8%	2,245	25.4%	596	55.6%
Injection Drug Users (IDU)	59	20.1%	3,307	37.4%	256	23.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	3.4%	418	4.7%	50	4.7%
Heterosexual Exposure (HET)	105	35.7%	2,845	32.2%	167	15.6%
Other Exposures	0	0.0%	20	0.2%	3	0.3%
No Reported Exposure*	32		1,571		151	
TOTAL	326		10,406		1,223	

MALE EXPOSURE CATEGORY	ADULT/ADOLESCENT TOTAL LIVING HIV CASES					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	228	100.0%	5,565	100.0%	832	100.0%
Men who have Sex with Men (MSM)	120	52.6%	2,245	40.3%	596	71.6%
Injection Drug Users (IDU)	41	18.0%	1,989	35.7%	124	14.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	4.4%	418	7.5%	50	6.0%
Heterosexual Exposure (HET)	57	25.0%	904	16.2%	60	7.2%
Other Exposures	0	0.0%	9	0.2%	2	0.2%
No Reported Exposure	23		879		110	
TOTAL	251		6,444		942	

FEMALE EXPOSURE CATEGORY	ADULT/ADOLESCENT TOTAL LIVING HIV CASES					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	66	100.0%	3,270	100.0%	240	100.0%
Injection Drug Users (IDU)	18	27.3%	1,318	40.3%	132	55.0%
Heterosexual Exposure (HET)	48	72.7%	1,941	59.4%	107	44.6%
Other Exposures	0	0.0%	11	0.3%	1	0.4%
No Reported Exposure*	9		692		41	
TOTAL	75		3,962		281	

* Includes 1 Hispanic case, 69 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2015 and Reported through 6/30/2016

EXPOSURE CATEGORY	ADULT/ADOLESCENT TOTAL LIVING HIV CASES							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	10,666	6,380	59.8%	526	13.9%	15.6%	17.5%	52.9%
Men who have Sex with Men (MSM)	3,122	1,719	55.1%	548	9.9%	13.8%	19.5%	56.7%
Injection Drug Users (IDU)	3,775	2,274	60.3%	478	17.2%	17.7%	17.6%	47.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	499	305	61.1%	479	16.1%	19.3%	16.1%	48.5%
Heterosexual Exposure (HET)	3,246	2,063	63.6%	557	13.3%	14.2%	15.9%	56.7%
Other Exposures	24	19	79.2%	439	26.3%	5.3%	31.6%	36.8%
No Reported Exposure*	1,807	720	39.8%	529	15.3%	14.3%	17.1%	53.3%
TOTAL	12,473	7,100	56.9%	527	14.1%	15.4%	17.5%	53.0%

* Includes 73 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2015 and Reported through 6/30/2016

EXPOSURE CATEGORY	ADULT/ADOLESCENT TOTAL LIVING HIV CASES				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	10,666	5,796	54.3%	71.3%	10,297
Men who have Sex with Men (MSM)	3,122	1,692	54.2%	74.0%	13,586
Injection Drug Users (IDU)	3,775	1,937	51.3%	69.0%	12,007
Men who have Sex with Men and Inject Drugs (MSM/IDU)	499	273	54.7%	74.7%	5,390
Heterosexual Exposure (HET)	3,246	1,877	57.8%	70.8%	8,100
Other Exposures	24	17	70.8%	58.8%	28,184
No Reported Exposure*	1,807	707	39.1%	66.5%	14,125
TOTAL	12,473	6,503	52.1%	70.8%	10,990

* Includes 73 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year, reported through 6/30/2016.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result measured in the specified year, as reported through 6/30/2016.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year, reported through 6/30/2016.

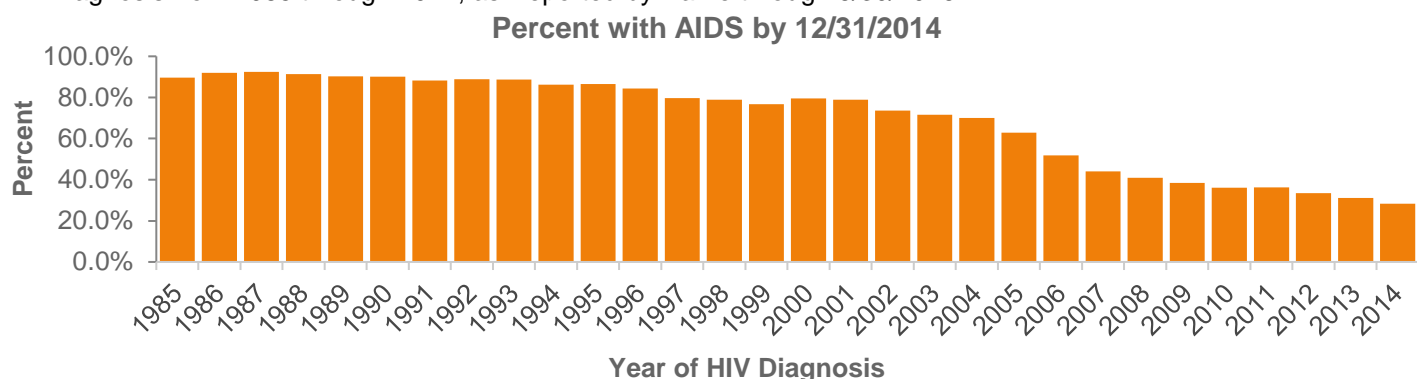
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load measured in the specified year of less than 200 copies per milliliter reported through 6/30/2016.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result measured in the specified year of 200 copies per milliliter or greater, reported through 6/30/2016.

Section VIII – Disease Progression and Mortality

Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2014, Reported through 6/30/2016

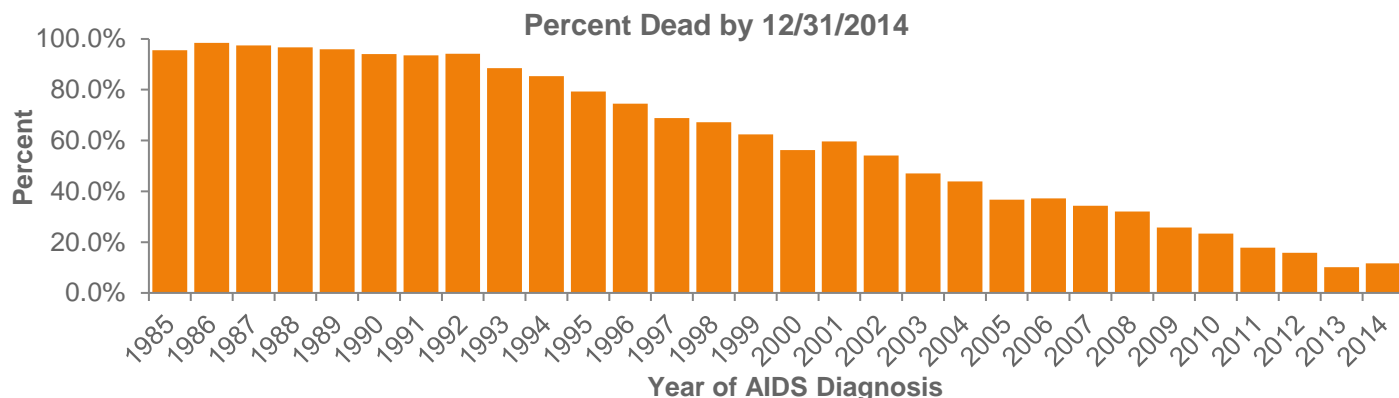
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 06/30/2014 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2015 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2015, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2014, as Reported by Name through 6/30/2016



YEAR OF HIV DIAGNOSIS	ADULT/ADOLESCENT REPORTED HIV DIAGNOSES							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	155	149	96.1%	6.9	34.2%	34.2%	38.1%	69.0%
1985	308	276	89.6%	6.7	23.4%	25.3%	32.5%	74.4%
1986	435	400	92.0%	5.6	32.6%	33.6%	45.3%	77.9%
1987	576	532	92.4%	4.6	33.3%	36.5%	55.2%	83.0%
1988	882	805	91.3%	3.8	37.6%	41.3%	63.9%	85.4%
1989	1,153	1,040	90.2%	3.7	36.8%	42.5%	67.6%	82.9%
1990	1,199	1,080	90.1%	3.0	43.9%	50.2%	72.6%	84.5%
1991	1,353	1,194	88.2%	2.7	45.8%	55.5%	73.2%	83.1%
1992	1,337	1,188	88.9%	2.5	50.2%	58.3%	74.9%	83.4%
1993	1,251	1,110	88.7%	2.2	53.7%	62.1%	76.3%	84.4%
1994	1,136	979	86.2%	2.3	53.3%	60.7%	73.7%	81.3%
1995	1,075	931	86.6%	2.2	57.9%	63.2%	72.6%	82.0%
1996	973	821	84.4%	2.1	57.5%	62.6%	70.4%	80.1%
1997	1,025	817	79.7%	2.0	55.0%	60.2%	68.1%	75.3%
1998	990	781	78.9%	2.1	54.3%	58.0%	66.0%	74.1%
1999	906	695	76.7%	1.6	56.2%	60.9%	68.1%	74.3%
2000	837	665	79.5%	1.6	56.8%	61.2%	70.3%	76.7%
2001	920	726	78.9%	1.5	58.8%	62.0%	70.7%	76.2%
2002	1,073	790	73.6%	1.7	53.8%	57.1%	64.3%	71.0%
2003	923	661	71.6%	1.5	53.8%	57.0%	62.7%	69.7%
2004	927	649	70.0%	1.5	50.9%	54.7%	61.4%	68.5%
2005	988	621	62.9%	1.4	46.3%	49.2%	55.9%	62.7%
2006	1,004	520	51.8%	1.7	34.5%	36.7%	44.8%	--
2007	885	390	44.1%	1.9	26.3%	29.3%	37.6%	--
2008	821	337	41.0%	1.6	25.0%	29.0%	36.8%	--
2009	619	238	38.4%	1.6	24.4%	27.3%	35.1%	--
2010	612	221	36.1%	1.2	25.0%	28.1%	34.3%	--
2011	437	158	36.2%	0.8	26.8%	31.4%	--	--
2012	452	151	33.4%	0.6	28.1%	29.9%	--	--
2013	380	118	31.1%	0.4	27.9%	29.5%	--	--
2014	324	92	28.4%	0.3	25.9%	--	--	--
TOTAL	25,956	19,135	73.7%	2.4	44.8%	49.6%	60.7%	70.0%

Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2014, Reported through 6/30/2016

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/13 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2015 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2015, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2014, as Reported by Name through 6/30/2016



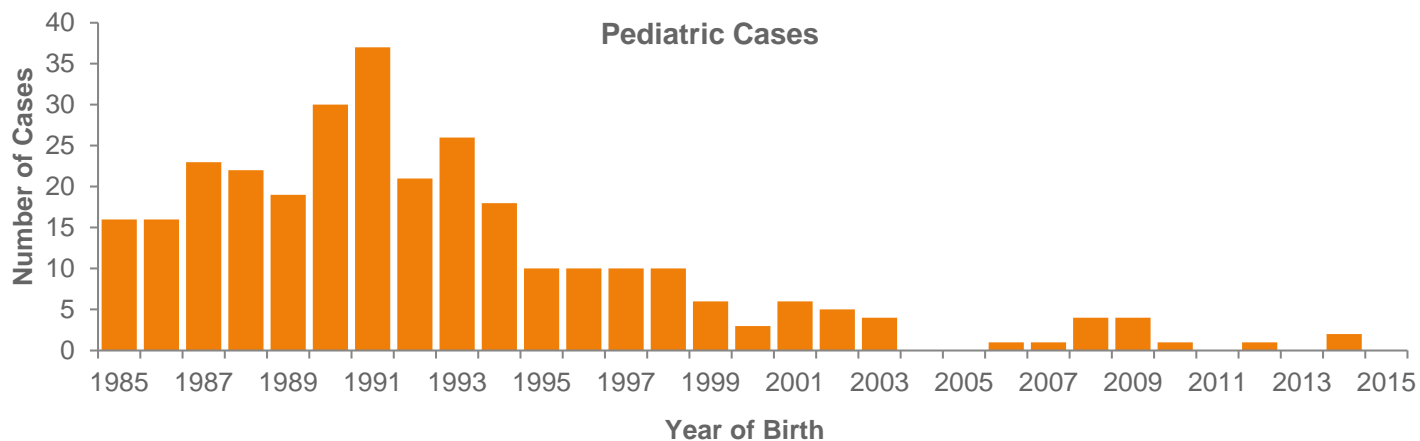
YEAR OF HIV DIAGNOSIS	ADULT/ADOLESCENT REPORTED AIDS DIAGNOSES							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	57	53	93.0%	2.6	52.6%	33.3%	19.3%	15.8%
1985	68	65	95.6%	1.7	44.1%	27.9%	8.8%	7.4%
1986	129	127	98.4%	2.5	48.8%	30.2%	14.7%	10.1%
1987	199	194	97.5%	2.1	60.3%	34.2%	12.1%	5.0%
1988	338	327	96.7%	2.4	60.7%	39.9%	13.9%	7.1%
1989	440	422	95.9%	2.5	60.7%	38.9%	16.1%	8.4%
1990	631	594	94.1%	2.9	64.5%	45.6%	20.6%	12.0%
1991	780	730	93.6%	2.8	67.3%	46.2%	18.2%	12.2%
1992	1,086	1,023	94.2%	3.1	68.9%	48.7%	20.5%	13.8%
1993	1,254	1,110	88.5%	3.7	77.6%	56.1%	33.0%	20.5%
1994	1,149	981	85.4%	3.8	76.8%	57.6%	37.2%	23.1%
1995	1,127	894	79.3%	4.5	78.2%	65.6%	47.3%	32.7%
1996	1,063	792	74.5%	5.1	81.6%	74.1%	56.2%	39.3%
1997	937	646	68.9%	5.0	84.8%	76.1%	59.1%	42.3%
1998	842	566	67.2%	5.3	87.1%	79.7%	62.1%	44.7%
1999	811	506	62.4%	4.8	86.2%	78.9%	61.8%	47.2%
2000	713	401	56.2%	4.4	85.0%	79.2%	64.1%	50.6%
2001	810	483	59.6%	4.1	84.6%	76.0%	60.6%	47.2%
2002	812	439	54.1%	4.5	86.8%	79.8%	67.5%	53.4%
2003	728	342	47.0%	3.3	83.2%	77.5%	65.5%	56.0%
2004	735	323	43.9%	3.5	85.9%	80.3%	69.7%	58.1%
2005	705	259	36.7%	3.3	88.5%	83.7%	73.9%	64.0%
2006	602	224	37.2%	3.1	87.9%	82.4%	72.4%	--
2007	434	149	34.3%	2.8	88.2%	84.6%	73.7%	--
2008	415	133	32.0%	2.4	88.2%	83.1%	73.5%	--
2009	345	89	25.8%	2.2	90.7%	86.1%	76.8%	--
2010	390	91	23.3%	1.8	89.5%	85.9%	78.7%	--
2011	315	56	17.8%	1.8	93.3%	89.5%	--	--
2012	335	53	15.8%	1.2	90.1%	88.4%	--	--
2013	296	30	10.1%	1.0	94.3%	90.9%	--	--
2014	206	24	11.7%	0.5	90.3%	--	--	--
TOTAL	18,752	12,126	64.7%	3.7	80.4%	69.3%	52.5%	41.8%

*2014 AIDS deaths are preliminary.

Section IX – Pediatric Cases

Figure 12 – Trends in Pediatric HIV Cases, 1985-2015, Reported through 6/30/2016

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2015, as Reported by Name through 6/30/2016



YEAR	PEDIATRIC REPORTED HIV DIAGNOSES				PEDIATRIC TOTAL LIVING HIV CASES
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	15	1	0	0	
1985	16	6	4	1	9
1986	16	6	5	3	12
1987	23	12	7	5	21
1988	22	16	11	2	35
1989	19	21	14	3	54
1990	30	27	14	3	79
1991	37	27	20	8	100
1992	21	33	19	9	127
1993	26	35	21	10	152
1994	18	21	15	10	162
1995	10	14	12	8	168
1996	10	14	8	13	170
1997	10	7	4	4	171
1998	10	16	6	3	185
1999	6	14	6	4	194
2000	3	5	2	0	199
2001	6	7	7	3	202
2002	5	3	3	3	202
2003	4	2	0	2	203
2004	0	2	1	3	203
2005	0	0	1	0	203
2006	1	1	2	1	202
2007	1	16	4	3	215
2008	4	6	5	3	219
2009	4	3	1	0	222
2010	1	1	4	3	220
2011	0	1	2	2	220
2012	1	2	1	2	220
2013	0	0	9	0	218
2014	2	2	2	0	221
2015	0	0	2	2	217
TOTAL	321	321	212	113	

Table 24 – Pediatric HIV Total Living HIV Cases, Alive on 12/31/2015, by Jurisdiction, Reported through 6/30/2016

JURISDICTION OF RESIDENCE AT DIAGNOSIS	PEDIATRIC TOTAL LIVING HIV CASES	
	No.	% of Total
21136	1	0.5%
21201	6	2.8%
21202	9	4.1%
21205	11	5.1%
21206	12	5.5%
21207	4	1.8%
21209	1	0.5%
21211	2	0.9%
21212	2	0.9%
21213	23	10.6%
21214	5	2.3%
21215	28	12.9%
21216	11	5.1%
21217	28	12.9%
21218	20	9.2%
21223	19	8.8%
21224	10	4.6%
21225	5	2.3%
21229	5	2.3%
21230	2	0.9%
21231	5	2.3%
21234	1	0.5%
21239	7	3.2%
TOTAL	217	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2015 and Reported through 6/30/2016

SEX AT BIRTH	PEDIATRIC TOTAL LIVING HIV CASES	
	No.	% of Total
Male	123	56.7%
Female	94	43.3%
TOTAL	217	100.0%

RACE/ETHNICITY	PEDIATRIC TOTAL LIVING HIV CASES	
	No.	% of Total
Hispanic	3	1.4%
Non-Hispanic	214	98.6%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	197	90.8%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	10	4.6%
Multiracial/Other	7	3.2%
TOTAL	217	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

Current Residence: Jurisdiction of residence from the most recent laboratory test or case report between 1/1/2009-6/30/2016.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence: Jurisdiction of residence at time of initial HIV diagnosis or most recent lab test.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location, which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result measured in the specified year, reported through 6/30/2016.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result measured in the specified year of 200 copies per milliliter or greater, reported through 6/30/2016.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load measured in the specified year of less than 200 copies per milliliter, reported through 6/30/2016.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2015.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Population: Population estimate for 7/1/2015.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2015.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year, reported through 6/30/2016.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year, reported through 6/30/2016.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result measured in the specified year, reported through 6/30/2016.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.